

Whole School Curriculum Plan

Inspiring Great Minds

Updated December 2022



Queensland Academy
for Science Mathematics
and Technology





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School Profile

The Queensland Academy for Science Mathematics and Technology (QASMT) provides co-educational programs for approximately 1250 highly capable students in Years 7 – 12. The curriculum at QASMT is uniquely and exclusively the International Baccalaureate (IB), delivered through both the Middle Years Programme (MYP) and the Diploma Programme (DP). As an International Baccalaureate World School, we encourage students to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right. The aim of all IB Programmes is to develop young people who, recognising their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. At QASMT we embed the IB Learner Profile across our curriculum to fulfil the IB mission statement and provide a set of learning behaviours which aims to inspire, motivate and focus students, teachers and the entire IB World School community, uniting them in a common purpose. This is achieved through our rigorous academic program, the holistic education of every student and the outstanding commitment of our staff.

Our Mission and Values

Our Vision

A world-class education that nurtures excellence and fosters global citizenship for an ever-changing world.

Our Focus

A STEM education enriched through a broad liberal arts curriculum.

Our Purpose

We will educate our young people to:

- be life-long, curious, agile and resilient learners
- think critically and use evidence-based decision making to imagine and realise change
- be effective collaborators and communicators in disciplinary and interdisciplinary contexts
- use technology strategically and ethically
- contribute to and impact on the world around them in ethical and sustainable ways
- interest in local and global cultural contexts with knowledge of and respect for diverse cultural perspectives.

Our Values

Inquirers
Knowledgeable
Thinkers
Communicators
Principled

Open-minded
Caring
Risk-takers
Balanced
Reflective

International Baccalaureate Mission Statement

The International Baccalaureate® aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.



Introduction

This Whole School Curriculum Plan outlines how the school addresses the International Baccalaureate requirements. The International Baccalaureate has been assessed by ACARA as a well-established alternative curriculum framework that can deliver comparable educational outcomes for students as for those who are taught the Australian Curriculum. The assessment process is undertaken by a recognition committee, with the results published on ACARA's recognition register, <https://www.acara.edu.au/curriculum/alternative-curriculum-recognition/recognition-register>.

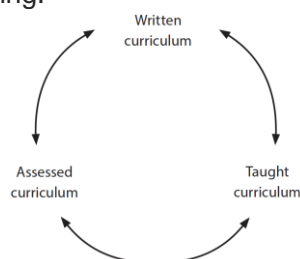
A whole-school approach enables schools to plan a teaching and learning program that is sequential across year levels and integrated across curriculum areas. It is designed to assist curriculum leaders and teachers to match resource allocation to the stated priorities and monitor progress towards goals. This curriculum plan provides an overview from which to build consistency in curriculum planning reflecting the DoE Every Student Succeeding (State Schools Strategy 2021 – 2025), the National School Improvement Tool, the DoE P-12 curriculum, assessment and reporting framework, and the intended curriculum.

This document is to be read in conjunction with the following IB, DoE and QASMT policy documents:

- [QASMT Explicit Improvement Agenda](#)
- [QASMT Strategic Plan \(2018-2022\)](#)
- QASMT Annual implementation Plan
- [QASMT Assessment Policy](#)
- [QASMT Pedagogical Framework](#)
- QASMT Data Plan
- [QASMT MYP Assessment Guidance Handbook](#)
- [QASMT DP Assessment Guidance Handbook](#)
- [QASMT Academic Integrity Policy](#)
- [QASMT Student Code of Conduct](#)
- [QASMT Inclusion Policy](#)
- [QASMT Language Policy](#)
- QASMT Literacy and Numeracy Frameworks
- [IB MYP From Principles into Practice](#)
- [IB DP From Principles into Practice](#)
- [Every Student Succeeding \(State Schools Improvement Strategy\)](#)
- [The National School Improvement Tool](#)

Curriculum Model

The International Baccalaureate curriculum model embedded at QASMT comprises three interrelated components, written, taught and assessed curriculum. Each component has equal value. In the figure below, the double-headed arrows indicate that developing, implementing and monitoring the school's written, assessed and taught curriculums is an integrated process. Consideration for all three components is woven together throughout the process of planning for learning.



The Written Curriculum

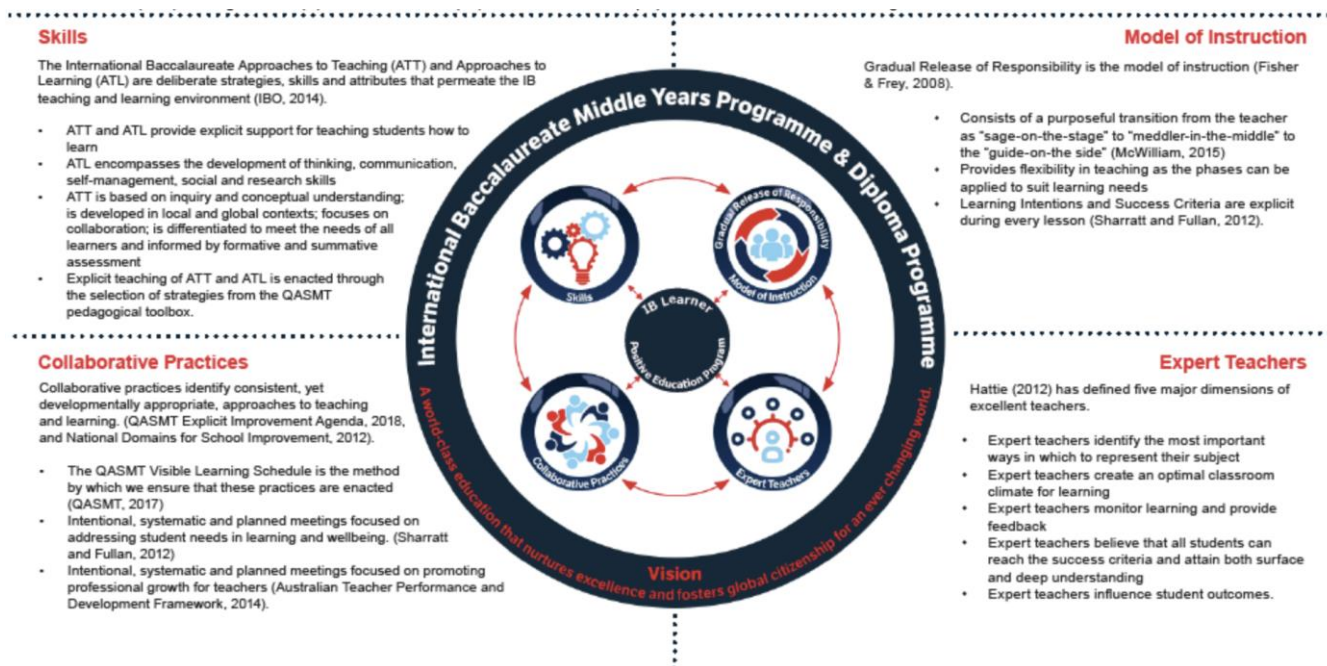
The written curriculum is a formal, comprehensive, school-wide set of documents written by the school that describes what will be taught in each subject to each age group. This should be developed through vertical and horizontal planning. At QASMT, the written curriculum is developed and documented through the following levels of planning. Further information is also available in the QASMT Curriculum Documentation Guide.



The Taught Curriculum

QASMT upholds the conviction that “improved teaching is the key to improved student learning” (School Improvement Framework, 2012). Our pedagogical framework is underpinned by the Positive Education Program that provides a positive learning environment to allow students to flourish. Furthermore, it promotes collective responsibility through collaborative practices for ensuring academic success for every student. It details high quality, evidence based explicit teaching strategies to develop a team of expert teachers who can make a positive impact to a student’s learning journey and improve student agency.

Our pedagogical framework is informed by the IBMYP and IBDP, providing our school community with a structure for developing learning autonomy and transferable skills in our students. The model of instruction enacted through the framework is the Fischer and Frey (2008) model of Gradual Release of Responsibility (GRR) and Sharratt and Fullan’s (2009) Learning Intentions and Success Criteria. These models ensure a purposeful shift to student-centred learning. The key elements of the framework are documented in the figure below.



The Assessed Curriculum

Assessment gives teachers and students reliable and valid information on student learning. Integrated with the written and taught curriculum, the assessed curriculum is considered throughout the processes involved in planning for learning.

At QASMT, assessment is considered the ongoing process of gathering, analysing and reflecting on evidence to make informed judgments about the achievement or capabilities of individuals and cohorts. It plays an integral role in improving learning and informing teaching.

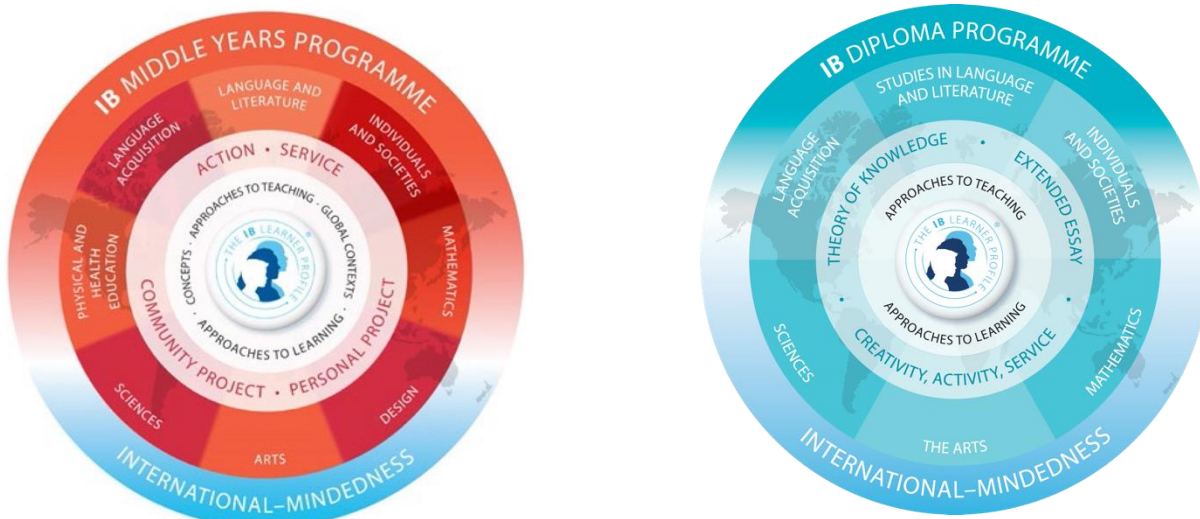
The purposes of assessment at QASMT include:

- improving teaching by providing information on what students know and can do
- helping students progress in their learning
- providing meaningful information on students' strengths, learning needs and achievements.

High-quality assessment should provide timely and informative feedback about students' learning progress. Effective feedback encourages self-reflection, allowing students to actively monitor and evaluate their own learning. Together, assessment and feedback support continuous, collaborative, active and self-directed learning.

Overview of QASMT Curriculum Programs

The Year 7 – 12 curriculum at QASMT has been specifically developed to provide a STEM focussed curriculum, through the International Baccalaureate (IB) Middle Years Programme (MYP) and Diploma Programme (DP).



Year 7 – 8 Foundation Program

A rigorous and accelerated curriculum program developed through the IB Middle Years Programme, Year 3 standards, and mapped to the Australian Curriculum as relevant. The program is delivered through full year courses in the eight MYP subject groups. Students choose their Language Acquisition and Performing Arts courses.

Year 9 – 10 STEM Futures Program

A STEM focussed curriculum program, developed through a core curriculum of Language and Literature, Mathematics and Language Acquisition and a STEM Futures curriculum across Sciences, Individuals and Societies, Design, The Arts and Physical and Health Education. The Year 9 program is developed through the IB Middle Years Programme, Year 5 standards, and mapped to the Australian Curriculum as relevant. The program culminates in completion of a STEM Futures Project. The Year 10 program is a bespoke program developed to prepare students for the rigours of the IB Diploma Programme and mapped to the Australian Curriculum as relevant. The program is delivered through full year courses in the core, and through semester STEM Futures electives. The program culminates in the final semester with a Diploma Preparation Program.

Year 11 – 12 Diploma Program

A rigorous, university preparation curriculum program, developed through the IB Diploma Programme. The programme is studied across six subject areas, either one subject in each subject group or two subjects in either Sciences or Individuals and Societies, instead of a subject in Arts. All students study three subjects at Standard Level, three subjects at Higher Level subjects and the inner core subjects, Theory of Knowledge, Extended Essay and CAS (Creativity, Activity and Service).

Comprehensive curriculum handbooks for each of these programs are published annually to students and parents and are available on our website.

Approaches to Learning (ATL)

Through ATL in IB programmes, students develop skills that have relevance across the curriculum that help them “learn how to learn”. ATL skills can be learned and taught, improved with practice and developed incrementally. They provide a solid foundation for learning independently and with others. ATL skills help students prepare for, and demonstrate learning through, meaningful assessment. They provide a common language that students and teachers can use to reflect on, and articulate on, the process of learning. IB programmes identify five ATL skill categories across cognitive, metacognitive and affective skills, expanded into developmentally appropriate skill clusters.

All teachers in IB schools are responsible for integrating and explicitly teaching ATL skills.

ATL skill categories	ATL skill clusters
Communication	I. Communication
Social	II. Collaboration
Self-management	III. Organization
	IV. Affective
	V. Reflection
Research	VI. Information literacy
	VII. Media literacy
Thinking	VIII. Critical thinking
	IX. Creative thinking
	X. Transfer

The IB Learner Profile

At the centre of international education in the IB are students with their own learning styles, strengths and limitations. Students come to school with combinations of unique and shared patterns of values, knowledge and experience of the world and their place in it.

Promoting open communication based on understanding and respect, the IB encourages students to become active, compassionate lifelong learners. An IB education is holistic in nature—it is concerned with the whole person. Along with cognitive development, IB programmes and qualifications address students' social, emotional and physical well-being. They value and offer opportunities for students to become active and caring members of local, national and global communities; they focus attention on the processes and the outcomes of internationally minded learning described in the IB learner profile.

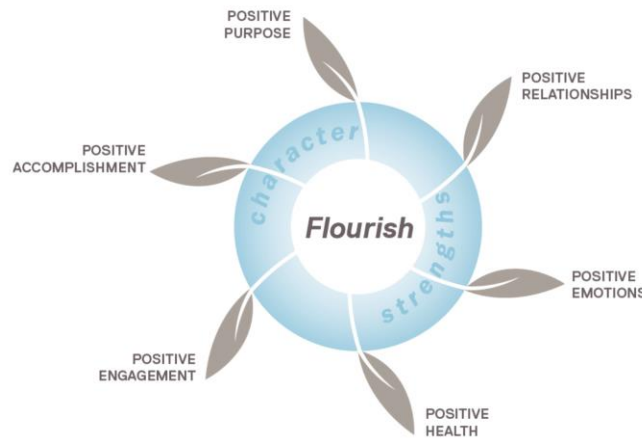
The learner profile is the IB's mission in action. It requires IB learners to strive to become inquirers, knowledgeable, thinkers, communicators, principled, open-minded, caring, risk-takers, balanced and reflective. These attributes of internationally minded people represent a broad range of human capacities and responsibilities that go beyond a concern for intellectual development and academic content. They imply a commitment to implement standards and practices that help all members of the school community learn to respect themselves, others and the world around them.

The attributes of the IB Learner Profile are defined as follows.

Inquirers	They nurture their curiosity, developing skills for inquiry and research. They know how to learn independently and with others. They learn with enthusiasm and sustain their love of learning throughout life.
Knowledgeable	They develop and use conceptual understanding, exploring knowledge across a range of disciplines. They engage with issues and ideas that have local and global significance.
Thinkers	They use critical and creative thinking skills to analyse and take responsible action on complex problems. They exercise initiative in making reasoned, ethical decisions.
Communicators	They express themselves confidently and creatively in more than one language and in many ways. They collaborate effectively, listening carefully to the perspectives of other individuals and groups.
Principled	They act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and the rights of people everywhere. They take responsibility for their actions and their consequences.
Open-minded	They critically appreciate their own culture and personal histories, as well as the values and traditions of others. They seek and evaluate a range of points of view, and they are willing to grow from the experience.
Caring	They show empathy, compassion and respect. They have a commitment to service, and they act to make a positive difference in the lives of others and in the world around us.
Risk-takers	Or Courageous. They approach uncertainty with forethought and determination; they work independently and cooperatively to explore new ideas and innovative strategies. They are resourceful and resilient in the face of challenges and change.
Balanced	They understand the importance of balancing different aspects of their lives— intellectual, physical, and emotional—to achieve well-being for themselves and others. They recognize their interdependence with other people and with the world in which they live.
Reflective	They thoughtfully consider the world and their own ideas and experience. They work to understand their strengths and weaknesses in order to support their learning and professional development.

Positive Education

Positive Education aims to build strength and capability in wellbeing and resilience in an educational environment. This is in response to the growing mental health challenges encountered by young people. This Positive Education Program aims to equip our students with the lifelong skills needed to flourish. The program has been developed through the six domains shown in the diagram below. The program is designed to develop knowledge and skills through the key concepts outlined below.



Model for Positive Education

<https://www.ggs.vic.edu.au/Positive-Education2/Model-for-Positive-Education>

Core Components

The Positive Education Program at QASMT has been designed based on the Positive Education Enhanced Curriculum (PEEC) developed by Geelong Grammar School (GGS). It is a curriculum that has been designed to support teachers, and value-add to their practice wisdom and experience in delivering Positive Education. PEEC is underpinned by the Six Domains of Wellbeing derived from Martin Seligman's PERMA model. Key concepts of Positive Education have been developed by GGS and are developed through explicit teaching of the PEEC curriculum.

The IB Approaches to Learning (ATLs) and IB Learner Profile attributes are also core components of PEP at QASMT. The ATLs and IB Learner profile attributes, which are unifying strands across all curriculum areas at SMT, provide cross links between the implicit and explicit curricula. The aim of the IB 'to develop internationally minded people, who recognising their common humanity and shared guardianship of the planet help to create a better and more peaceful world' fits perfectly with the rationale for PEP.

Six Domains of Wellbeing

Positive Relationships

The Positive Relationships domain explores the importance of connectedness and strong relationships for wellbeing. The focus is on helping students to develop social and emotional skills that nourish their relationships with the self and others.

Positive Emotions

The Positive Emotion domain aims to enable students and staff to develop a stronger understanding of their emotions and those of others. This domain focuses on creating opportunities for our school community to experience and identify, positive emotions such as joy, love, gratitude and contentment.

Positive Health

The Positive Health domain focuses on supporting students and staff to develop sustainable habits for optimal physical and psychological health. With the inextricable link between physical and psychological health, through the practising of mindfulness and resilience techniques which promote greater health outcomes. Mindfulness and resilience are also supported by the quest to help students to develop broader healthy behaviours in terms of exercise, nutrition, and sleep.

Positive Engagement

The Positive Engagement domain helps students and staff to experience complete immersion in activities through understanding the nature of engagement, the pathways to it, and the impact it has on individual wellbeing.

Positive Accomplishment

The Positive Accomplishment domain focuses on enabling individual growth through striving for and achieving meaningful outcomes, enabling both students and staff to strive for goals that are both highly rewarding to the self and of benefit to the wider community. The goal is to support all members of the School community to embrace challenges with grit, determination, hope, and a willingness to learn from their experiences.

Positive Purpose

The Positive Purpose domain explores understanding, believing in, and serving something greater than the self and deliberately engaging in activities for the benefit of others. It encourages students and staff to draw on their character strengths in ways that contribute to the welfare of others and the wider community. It also recognises that belonging to a supportive school community is a strong pathway to purpose and to wellbeing.

Year 7 – 12 Subject Overview

This table represents our full proposed Year 7 – 12 subject overview with the introduction of Years 7 – 9.

IB Subject Group	Year 7 & 8		Year 9		Year 10 Semester 1		Year 10 Semester 2		Year 11 & 12	
	Subject Name	Mins/week	Subject Name	Mins/week	Subject Name	Mins/week	Subject Name	Mins/week	Subject Name	Mins/week
Language and Literature	English Language and Literature	Y7:240 Y8:S1 190, S2 240	English Language and Literature	240	English Language and Literature	240	DPP English A Language and Literature HL/SL	SL:170 HL:240	English A Language and Literature HL/SL	SL:170 HL:240
Mathematics	Mathematics	Y7:240 Y8:S1 240, S2 190	Mathematics	240	Mathematics	240	DPP Mathematics Applications and Interpretation SL/HL	SL:170 HL:240	Mathematics Applications and Interpretation SL/HL	SL:170 HL:240
							DPP Mathematics Analysis and Approaches SL/HL	SL:170 HL:240	Mathematics Analysis and Approaches SL/HL	SL:170 HL:240
Language Acquisition	French Language Acquisition	Y7:190 Y8:240	French Language Acquisition	240	French Language Acquisition	240	DPP French B SL/HL	SL:170 HL:240	French B SL/HL	SL:170 HL:240
	German Language Acquisition	Y7:190 Y8:240	German Language Acquisition	240	German Language Acquisition	240	DPP German B SL/HL	SL:170 HL:240	German B SL/HL	SL:170 HL:240
	Japanese Language Acquisition	Y7:190 Y8:240	Japanese Language Acquisition	240	Japanese Language Acquisition	240	DPP Japanese B SL/HL	SL:170 HL:240	Japanese B SL/HL	SL:170 HL:240
	Latin Language Acquisition	Y7:190 Y8:240	Latin Language Acquisition	240	Latin Language Acquisition	240	DPP Latin B SL/HL	SL:170 HL:240	Latin B SL/HL	SL:170 HL:240
					DPP Japanese ab initio SL (beginners only)	170	DPP Japanese ab initio SL	SL:240	Japanese ab initio SL	SL:170
					DPP French ab initio SL (beginners only)	170	DPP French ab initio SL	SL:240	French ab initio SL	SL:170
Individuals and Societies	Individuals and Societies	170	<ul style="list-style-type: none"> Disrupting the Market Future Global Cooperation World in Your Pocket 	170	Show Me the Money	170	DPP Business Management HL	HL:240	Business Management HL	HL:240
			<ul style="list-style-type: none"> Future Global Cooperation Cultural Revolution World in Your Pocket 	170	Tragedy of the Commons	170	DPP Economics HL	HL:240	Economics HL	HL:240
			Forensic Psychology	170	Inside Your Head	170	DPP Psychology HL	HL:240	Psychology HL	HL:240
			Sustainable Futures	170	Blue Planet	170	DPP Environmental Systems and Society SL	SL:170	Environmental Systems and Society SL	SL:170
Sciences	Sciences	190	<ul style="list-style-type: none"> Biochemical Solutions Healthy Future Forensic Psychology Sustainable Futures 	170	Medical Biotechnology	170	DPP Biology SL/HL	SL:170 HL:240	Biology SL/HL	SL:170 HL:240
			<ul style="list-style-type: none"> Biochemical Solutions Fuelling the Planet World of Reactions 	170	Future Materials	170	DPP Chemistry SL/HL	SL:170 HL:240	Chemistry SL/HL	SL:170 HL:240

			<ul style="list-style-type: none"> Biomedical Engineering Fuelling the Planet Medical Physics 	170	Journey to Earth X	170	DPP Physics SL/HL	SL:170 HL:240	Physics SL/HL	SL:170 HL:240
Physical and Health Education	Physical and Health Education	120	Healthy Future	170	Peak Performance	170	DPP Sports Exercise Science HL	HL:240	Sports Exercise Science HL	HL:240
Design	Design	*240/ Sem	Future of Automation	170	Computational Thinking	170	DPP Computer Science HL	HL:240	Computer Science HL	HL:240
			<ul style="list-style-type: none"> Biomedical Engineering Disrupting the Market 	170	Living in a Digital Society	170	DPP Digital Society HL	HL:240	Digital Society HL	HL:240
The Arts	Arts	*240/ Sem	Artists as Change Makers	170	Unpacking the World Around Us	170	DPP Visual Art HL	HL:240	Visual Art HL	HL:240
			Soundtrack	170						
Inner Core									Theory of Knowledge	100
			Community Project	30					Extended Essay	30
	Service as Action	-	Service as Action	-	Certificate III in Laboratory Skills	30	Certificate III in Laboratory Skills	30	Creativity, Activity and Service	-
Positive Education Program (PEEC)	Positive Education Program	50	Positive Education Program	70	Positive Education Program	70	Positive Education Program	70	Positive Education Program	*30/ Year11

This overview represents the Year 10 – 12 subject overview applicable for the last cohort entering Year 12 in 2023.

IB Subject Group	Year 10		Year 11 & 12	
	Subject Name	Mins/week	Subject Name	Mins/week
Language and Literature	DPP English	240	English A Language and Literature HL/SL	SL:170 HL:240
Mathematics	DPP Mathematics	240	Mathematics Applications and Interpretation SL/HL	SL:170 HL:240
			Mathematics Analysis and Approaches SL/HL	SL:170 HL:240
Language Acquisition	DPP French	170	French ab initio SL	SL:170
	DPP German	170	German ab initio SL	SL:170
	DPP Japanese	170	Japanese ab initio SL	SL:170
	DPP Spanish	170	Spanish ab initio SL	SL:170
Individuals and Societies	DPP Business Management	170	Business Management HL	HL:240
	DPP Economics	170	Economics HL	HL:240
	DPP Psychology	170	Psychology HL	HL:240
	DPP Information Technology in a Global Society	170	Information Technology in a Global Society HL	HL:240
Sciences	DPP Biology	170	Biology SL/HL	SL:170 HL:240
	DPP Chemistry	170	Chemistry SL/HL	SL:170 HL:240
	DPP Physics	170	Physics SL/HL	SL:170 HL:240
	DPP Sports Exercise Science	170	Sports Exercise Science HL	HL:240
	DPP Computer Science	170	Computer Science HL	HL:240
The Arts	DPP Visual Art	170	Visual Art HL	HL:240
Inner Core			Theory of Knowledge	100
			Extended Essay	30
	Certificate II in Skills for Work and Vocational Pathways	30	Creativity, Activity and Service	-
Positive Education Program (*PEEC)	PEP	70	PEP	*30/ Year11

Curriculum Map – Vertical Alignment

Years 7 – 9

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
English Language and Literature								
English Language and Literature	Year 7 Term 1	Who are you? – biographical texts	Communication	Audience Imperatives Purpose	Identities and relationships	Identity is formed and expressed through communication and connection to our lives.	B: Organising C: Producing Text D: Using Language	Communication: Interactive/Language Thinking: Critical thinking
	Year 7 Term 2	Wonder – novel study	Form	Context Setting Character	Orientation in Time and Space.	Perspectives are shaped by context in time and space.	A: Analysing B: Organising D: Using Language	Research: Information literacy Thinking: Critical Thinking
	Year 7 Term 3	Conventions of Picture Books	Creativity	Genre Structure	Personal and cultural expression	Culture is expressed through creative storytelling.	B: Organising C: Producing Text D: Using Language	Communication: Language Thinking: Creative Communication: Visual literacy
	Year 7 Term 4	International voices – poetry study	Connections	Point of View Style	Fairness and Development	Connection to other points of view leads to a fairer world.	A: Analysing D: Using Language	Thinking: Critical thinking Communication: Language
	Year 8 Term 1	Observational Documentary – film study	Connections	Audience Imperatives Setting Theme	Personal and Cultural Expression	Audiences connect with the expression of human experience.	B: Organising C: Producing Text D: Using Language	Research: Media literacy Self-Management: Collaboration
	Year 8 Term 2	Many Voices, Many Perspectives – novel study	Perspective	Context Character	Identities and Relationships	The characters context shape identities and relationships.	A: Analysing B: Organising D: Using Language	Thinking: Critical thinking Communication: Language
	Year 8 Term 3	Imagining the Future – genre short story	Creativity	Genre Structure Style	Scientific and technical innovation	Our future is imagined in the creativity of genre.	B: Organising C: Producing Text D: Using Language	Communication: Interactive Thinking: Creative thinking
	Year 8 Term 4	Selling sustainability – persuasion	Persuasion	Intertextuality Purpose	Globalisation & Sustainability; Orientation in Time and Space	Persuasive texts are future orientated.	A: Analysing B: Organising C: Producing Text D: Using Language	Communication: Interactive/Language Social: Collaboration Thinking: Critical thinking
	Year 9 Term 1	Australian Voices – poetry	Connections	Structure Setting Self-expression	Orientation in Time and Space	Australian voices express connections to people and places.	A: Analysing C: Producing Text D: Using Language	Self-management: Organisation Social: Collaboration Thinking: Transfer Communication: Interactive

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 9 Term 2	Novel Study – Life of Pi	Creativity	Character Style	Identities and relationships	Creativity is an adventure in identity.	B: Organising C: Producing Text D: Using Language	Social Working with others Self-management: Organisation Thinking: Creative thinking Communication: Language
	Year 9 Term 3	A study of rhetoric – persuasion	Communication	Audience Imperatives Point of view	Fairness and Development; Globalisation and Sustainability	Communication for change appeals to audience point of view.	A: Analysing B: Organising D: Using Language	Social: Collaboration Research: Media literacy Communication: Language
	Year 9 Term 4	Midsummer Night's Dream – play	Representation	Context Theme	Personal and cultural expression	Cultural contexts influence representation.	A: Analysing B: Organising D: Using Language	Thinking: Critical Transfer: Context Communication: Language
Language Acquisition								
Language Acquisition – French	Year 7 Term 1	Enchante!	Communication	Audience Message	Identities and relationships	The message communicated to an audience creates relationships and shapes identities.	A: Comprehending spoken and visual text C: Communicating	Social Communication Research
	Year 7 Term 2	School life	Connections	Structure Context	Identities and relationships	Context and structures make and build connections, relationships and form identities.	B: Comprehending written and visual text D: Using Language	Communication Self-management
	Year 7 Term 3	Friends	Connections	Conventions Purpose	Personal and cultural expressions	Purpose through personal and cultural expression facilitates creativity through conventions.	A: Comprehending spoken and visual text C: Communicating	Thinking Communication Research
	Year 7 Term 4	Leisure	Creativity	Conventions Purpose	Personal and cultural expressions	Personal and cultural expression reflects pronunciation and language form.	B: Comprehending written and visual text D: Using Language	Thinking Communication Research
	Year 8 Term 1	Daily Life	Connections	Context Purpose	Scientific and Technical Innovation	Scientific and technical innovations enable communication when there is a clear purpose and context	A: Comprehending spoken and visual text C: Communicating	Social Research
	Year 8 Term 2	Holidays	Culture	Pronunciation Form	Personal and cultural expression	Personal and cultural expression	B: Comprehending written and visual text D: Using Language	Self-management
	Year 8 Term 3	Connections via Technology	Communication	Purpose Context	Scientific and Technical Innovation	Scientific and technical innovations enable	A: Comprehending spoken and visual text C: Communicating	Social Research skills

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
						communication when there is a clear purpose and context.		
	Year 8 Term 4	Life	Connections	Function Audience	Personal and Cultural Expression	Conventions and patterns connect to nourish personal and cultural expressions.	B: Comprehending written and visual text D: Using Language	Thinking Communication
	Year 9 Term 1	Going back in time	Connections	Context Purpose	Identities and Relationships	Context and purpose affect the connections, identities and relationships we form	A: Comprehending spoken and visual text C: Communication	Communication Thinking
	Year 9 Term 2	Suspense	Connections	Empathy Point of view Meaning	Globalisation	Empathy, point of view and meaning in a globalised world impacts on connections.	B: Comprehending written and visual text D: Using Language	Social Self-management
	Year 9 Term 3	Media	Creativity	Word choice Message	Personal and cultural expression	Personal and cultural expressions through creative word choice produces effective messages	A: Comprehending spoken and visual text C: Communication	Thinking Communication Research
	Year 9 Term 4	Future Outlook	Culture	Audience Function	Globalisation Sustainability	The globalisation of culture impacts on audience, function and decisions made regarding sustainability.	B: Comprehending written and visual text D: Using Language	Thinking Self-management
Language Acquisition – German	Year 7 Term 1	Getting to know each other	Communication	Context Structure	Orientation in Space and Time	Interconnectedness depends on clearly communicating through structure and context.	A: Comprehending spoken and visual text B: Comprehending written and visual text	Communication Research
	Year 7 Term 2	School life and Pets	Connections	Form Audience	Identities and Relationships	Connections enhance human relationships and audience engagement.	C: Communicating D: Using Language	Communication Research
	Year 7 Term 3	Hobbies and Family Life	Connections	Message Structure	Personal and cultural expression	Purpose and Message can be expressed creatively.	A: Comprehending spoken and visual text B: Comprehending written and visual text	Communication Research
	Year 7 Term 4	Home and Food	Culture	Conventions Function	Orientation in Space and Time	Social history reflects the conventions and functions of language and culture.	C: Communicating D: Using Language	Communication Research
	Year 8 Term 1	Leisure and Health	Connections	Word Choice Meaning	Personal and Cultural Expression	Word choice connects meaning to personal and cultural values.	A: Comprehending spoken and visual text B: Comprehending written and visual text	Communication Research Thinking
	Year 8 Term 2	Balanced Life	Creativity	Structure Purpose	Orientation in Space and Time	Purpose informs structure and creativity within boundaries.	C: Communicating D: Using Language	Communication Research
	Year 8 Term 3	Holidays and Plans	Connections	Meaning and Purpose	Identities and Relationships	Meaning and purpose reflect identity and culture.	A: Comprehending spoken and visual text	Social Communication Self-management

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
							B: Comprehending written and visual text	Thinking
	Year 8 Term 4	Media and Friends	Communication	Accent Message	Scientific and Technical Innovation	Adaptation of language communicates cultural messages.	C: Communicating D: Using Language	Communication Research Self-management
	Year 9 Term 1	Everyday German	Connections	Audience Context	Identities and Relationships	Context communicates ideas of identity to an audience.	A: Comprehending spoken and visual text B: Comprehending written and visual text	Communication Research Thinking
	Year 9 Term 2	Festivals and Fun	Creativity	Word choice Structure	Identities and Relationships	Word choice and structure reflect creative lifestyles.	C: Communicating D: Using Language	Communication Research
	Year 9 Term 3	Living in Germany	Culture	Conventions Function	Personal and Cultural Expression	The function and purpose of conventions reflect cultural expression.	A: Comprehending spoken and visual text B: Comprehending written and visual text	Social Communication Self-management Thinking
	Year 9 Term 4	Environment	Connections	Empathy Point of View	Globalisation and Sustainability	Empathy creates connections with others and different points of view.	C: Communicating D: Using Language	Communication Research Self-management
Language Acquisition – Japanese	Year 7 Term 1	Getting to know you	Communication	Audience Message	Identities & Relationships	Identity, beliefs and values influence communication for various messages and audiences.	A: Comprehending spoken and visual text C: Communicating	Communication
	Year 7 Term 2	School	Connections	Word choice Structure	Personal & Cultural Expression	Language, word choice and linguistic systems help make connections with people, objects or ideas.	B: Comprehending written and visual text D: Using Language	Communication
	Year 7 Term 3	Daily Routine	Connection	Functions Patterns	Orientation in Time & Space	Finding patterns and recognising functions makes it easier to exchange and interact with another culture.	B: Comprehending written and visual text D: Using Language	Communication Self-management
	Year 7 Term 4	Sports and leisure	Creativity	Message Meaning	Personal & Cultural Expression	Meaningful messages require an understanding of culture.	A: Comprehending spoken and visual text C: Communicating	Communication Thinking
	Year 8 Term 1	Family life and pets	Connection	Context Conventions	Identities and relationships	Language conventions and context needs consideration to make connections when communicating.	A: Comprehending spoken and visual text D: Using Language	Communication Thinking Social
	Year 8 Term 2	Entertainments: Let's have fun!	Communication	Purpose Audience	Personal and cultural expression	Consideration of audience determines our creative personal and cultural expression.	B: Comprehending written and visual text C: Communicating	Thinking Communication Self-management Research

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 8 Term 3	Festivals and celebrations	Culture	Meaning Pronunciation	Orientation in Space and Time	Cultural understanding and with authentic pronunciation determine the successfulness of message exchange & interaction.	B: Comprehending written and visual text D: Using Language	Thinking Subject-specific Knowledge and Understanding
	Year 8 Term 4	Japanese traditions and culture	Connections Culture	Meaning Purpose	Personal and cultural expression	Personal and cultural expression connects and gives us meaning and purpose in life.	A: Comprehending spoken and visual text C: Communicating	Communication Thinking
	Year 9 Term 1	Physical wellbeing	Communication	Empathy Structure	Orientation in space and time	Effective communication is reliant on empathy and structure.	A: Comprehending spoken and visual text C: Communicating	Thinking Communication Self-management
	Year 9 Term 2	Japanese stories (folktales)	Connections	Meaning Purpose	Identities and Relationships	Identities can connect the purpose of leisure activities and their meaning.	B: Comprehending written and visual text D: Using Language	Communication Research Self-management
	Year 9 Term 3	Holidays	Creativity	Idiom Audience	Scientific and technical innovation	Advances in technologies allow creative expressions, stories and idioms to reach wider audiences.	B: Comprehending written and visual text D: Using Language	Thinking Research Communication
	Year 9 Term 4	Exchange students	Culture	Point of view Context	Fairness and development	Interactions in various cultural contexts can develop a fair point of view.	A: Comprehending spoken and visual text C: Communicating	Communication Self-management Social
Language Acquisition – Latin	Year 7 Term 1	Life in Pompeii	Culture-communities	Civilization Identity	Identities and relationships	Pompeii had a specific layout, lifestyle and culture during the first century CE.	A: Understanding Language C: Analysing Texts	Thinking Research
	Year 7 Term 2	Society and culture in Pompeii	Culture	Identity Values	Orientation in space and time	The forum and the theatre were the focus of life in Pompeii and slaves were part of the society.	A: Understanding Language B: Comprehending Texts C: Analysing Texts D: Connecting Cultures and Societies	Thinking Social Communication
	Year 7 Term 3	Roman lifestyle	Communication	Pattern Values Civilization	Identities and relationships	The Romans had certain beliefs about representing life after death, gladiators and hygiene.	A: Understanding Language C: Analysing Texts	Self-management Research Communication
	Year 7 Term 4	Roman civics and history	Culture	Form Purpose Values	Fairness and development	Educational regulations, civic laws and natural disasters have influenced the life of Roman people.	A: Understanding Language B: Comprehending Texts C: Analysing Texts	Thinking Social Research Communication

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
							D: Connecting Cultures and Societies	
	Year 8 Term 1	Britain during the first century CE	Creativity-communities	Civilisation Identity Context	Scientific and technical innovation	Britannia had its own highly developed civilisation before the Roman arrived.	A: Understanding Language C: Analysing Texts	Thinking Research Communication
	Year 8 Term 2	The expansion of the Roman Empire	Connections-change	Context Purpose Inter-dependence	Identities and relationships	Egypt was an important country for the Rome Empire.	A: Understanding Language B: Comprehending Texts C: Analysing Texts D: Connecting Cultures and Societies	Thinking Research Communication
	Year 8 Term 3	Egypt during the first century CE	Creativity-communities	Values Civilisation Structure	Scientific and technical innovation	Egyptians worshipped gods and cats and they had an ancient custom of mummifying corpses.	A: Understanding Language C: Analysing Texts	Thinking Research Communication
	Year 8 Term 4	Roman baths and other superstitious beliefs	Creativity - perspective	Values Identify Theme	Scientific and technical innovation	Romans believed that hot springs are beneficial for a healthy body and curses helped to punish an offender.	A: Understanding B: Comprehending Texts C: Analysing Texts D: Connecting Cultures and Societies	Thinking Research Communication
	Year 9 Term 1	Religion and Romanisation	Creativity - change	Identity Inter-dependence	Identities and relationships	Romanisation changed the life for many people in the way people believed, travelled, and battled.	A: Understanding Language C: Analysing Texts	Thinking Research Communication
	Year 9 Term 2	Historical artefacts	Culture - form	Form Purpose Structure	Scientific and technical innovation	The Romans military achievements were underpinned by a well-structured and equipped Army.	A: Understanding Language B: Comprehending Texts C: Analysing Texts D: Connecting Cultures and Societies	Thinking Research Communication
	Year 9 Term 3	Rome and its people	Connections	Context Values	Identities and relationships	Thanks to skilled citizens Rome achieved greatness.	A: Understanding Language C: Analysing Texts	Thinking Research Communication
	Year 9 Term 4	Roman society and beliefs	Communication - perspective	Civilisation Values	Identities and relationships	The Roman society had a distinct hierarchy and many Romans were content with the official state religion.	A: Understanding Language B: Comprehending Texts C: Analysing Texts D: Connecting Cultures and Societies	Thinking Social Communication
Individuals and Societies								

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
Individuals and Societies	Year 7 Term 1	The Constitution and I	Systems	Government Citizenship	Personal and cultural expression	Inherent values, attitudes and beliefs shape systems of government. government.	B: Investigating C: Communicating	Thinking: Creative thinking
	Year 7 Term 2	Big-up Brisbane	Change	Sustainability Culture	Globalisation and sustainability	Changes must be sustainable and reflect culture.	A: Knowing and Understanding D: Thinking Critically	Research: Information literacy Thinking: Critical thinking
	Year 7 Term 3	The Game of Life	Time, place and space	Choice Consumption	Identities and relationships Elaboration: Scarcity	Scarcity experienced across time, place and space affects choice and consumption.	A: Knowing and Understanding C: Communicating	Research: Media literacy
	Year 7 Term 4	Stayin' Alive	Global interactions	Culture Identity	Orientation in space and time Elaboration: Exchange and interaction	Exchange through global interactions shape culture and identity.	B: Investigating D: Thinking Critically	Research: Information literacy Thinking: Critical thinking
	Year 8 Term 1	Making Australia	Change	Cooperation Conflict	Identities and Relationships Elaboration: turning points	Cooperation and conflict trigger turnings points which lead to change.	A: Knowing and Understanding B: Investigating C: Communicating D: Thinking Critically	Research: Information literacy
	Year 8 Term 2	Legal Eagles	Systems	Government Rights	Fairness and development	Government systems impact rights through the law.	A: Knowing and Understanding	Communication: Communication skills
	Year 8 Term 3	The Next Big Thing	Change	Choice Sustainability	Scientific and Technical Innovation Elaboration: Human impact on the environment	Choice and sustainability drive change through human impact on the environment.	C: Communicating D: Thinking Critically	Research: Information literacy Thinking: Critical thinking
	Year 8 Term 4	Australia in 2050	Global Interactions	Patterns and trends	Globalisation and sustainability	Patterns and trends affect global interactions when planning for the future.	A: Knowing and Understanding B: Investigating C: Communicating	Thinking: Critical thinking Creative thinking

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
				Management and Intervention			D: Thinking Critically	
STEM Futures Elective: Forensic Psychology	Year 9 Unit 1	Turning to Crime	Change	Behaviour Cognition	Identities and relationships	Behaviour and cognition influence change in human nature.	A: Knowing and Understanding C: Communicating D: Thinking Critically	Research: Information literacy Thinking: Creative thinking
	Year 9 Unit 2	Making a Case and Reaching a Verdict	Systems	Equity Rights	Fairness and Development	Systems affect equity, rights and justice.	A: Knowing and Understanding B: Investigating C: Communicating D: Thinking Critically	Communication: Communication skills Thinking: Critical thinking
STEM Futures Elective: Cultural Revolution	Year 9 Unit 1	Not so British	Change	Identity Culture	Orientation in space and time	Turning points trigger changes in identity and culture.	B: Investigating C: Communicating D: Thinking Critically	Research: Information literacy
	Year 9 Unit 2	A Rock'n'roll Lifestyle	Time, place and space	Culture Significance	Globalisation and Sustainability	Diversity and interconnections cause significant cultural change across time, place and space.	A: Knowing and Understanding B: Investigating C: Communicating	Research: Media literacy Thinking: Critical thinking
	Year 9 Unit 3	Aussie Cultural Phenomenon	Global interactions	Trade Culture	Personal and Cultural Expression	Belief systems and ways of life are shared through cultural trade in global interactions.	A: Knowing and Understanding D: Thinking Critically	Research: Information literacy
STEM Futures Elective: The World in Your Pocket	Year 9 Unit 1	Tracing the Origins	Global Interaction	Scarcity, Trade	Globalisation and Sustainability	Markets, scarcity and trade are at the heart of global interactions.	A: Knowing and Understanding B: Investigating C: Communicating D: Thinking Critically	Communication: Interactive skills
	Year 9 Unit 2	Mixing it up to satisfy needs and wants	Time, place and space	Competition, strategy	Orientation in time and space	<i>Competition forces strategy to be adapted by time and place.</i>	A: Knowing and Understanding B: Investigating C: Communicating D: Thinking Critically	Research: Information literacy
STEM Futures Elective: Future of Global Cooperation	Year 9 Unit 1	'Left' vs. 'Right'	Systems	Government, Ideologies	Fairness and Development	Ideologies shape government structures and political systems.	A: Knowing and Understanding C: Communicating	Research: Information literacy Thinking: Critical thinking
	Year 9 Unit 2	Maintain Your Rage and Enthusiasm	Systems	Citizenship, Government	Globalisation and Sustainability	Diversity between citizens is vital in government systems.	B: Investigating C: Communicating D: Thinking Critically	Research: Information literacy Thinking: Critical thinking

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 9 Unit 3	Only One Earth	Change	Perspective, Cooperation	Fairness and Development	Peace can change though the perspectives and cooperation of nations.	A: Knowing and Understanding D: Thinking Critically	Research: Media literacy Thinking: Critical thinking
Sciences								
Sciences	Year 7 Term 1	We're all Scientists	Relationships	Evidence Models	Identity and Relationships	To be a scientist means to gather evidence about world around us to understand how things are related.		Thinking – Critical Thinking Skills and Transfer skills
		Life around us	Relationships	Environment Interactions	Fairness and Development	Understanding interactions in the environment enables humans to develop global and local solutions.	A: Knowing and Understanding D: Reflecting on the Impacts of Science	Thinking – Critical thinking Research – Information literacy
	Year 7 Term 2	Resourcing the Planet	Systems	Models Patterns	Globalisation and Sustainability	Natural and human systems create patterns. Modelling global systems.	A: Knowing and Understanding D: Reflecting on the Impacts of Science	Communication – Communication skills
		Blast off into space	Logic	Evidence Interaction	Orientation in Time and Space	Relationships between planetary objects can be derived from the observation and interpretation of data.	IDU A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating	Thinking – Critical Thinking Skills and Transfer skills Self-management – Organisation and Affective
	Year 7 Term 3	Forces around us	Change	Consequences Interaction	Scientific and Technical Innovation	Interactions between forces result in changes that can be measured through scientific innovation.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating	Thinking – Critical Thinking Skills Communication – Communication skills
	Year 7 Term 4	Is there enough water fit for drinking: Water?	Global Interactions	Transformations Consequences	Globalisation and Sustainability	Finding solutions for the impact of pollution on our natural systems is a global responsibility.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating	Thinking- Critical and Creative Thinking Self-management: Affective, Reflection
	Year 8 Term 1	Body in Balance	Systems	Function Models	Identities and Relationships	Complex organisms are made of smaller structures and systems, that scientists' model in order to understand their functions.	A: Knowing and Understanding	Self-Management Thinking
	Year 8 Term 2	Ch-ch-ch-changes	Change	Form Interactions	Scientific and Technical Innovation	Science enables us to change the form of matter into useful materials that can make the world a better place.	A: Knowing and Understanding B: Inquiring and Designing	Research Thinking

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
							C: Processing and Evaluating	
	Year 8 Term 3	From the Earth	Change	Models Transformations	Orientation in space and time	The Earth is made of rocks, which over time undergo a cycle of change and transformation, which can be modelled scientifically.	A: Knowing and Understanding D: Reflecting on the Impacts of Science	Social Thinking
	Year 8 Term 4	Future of Energy	Relationships	Energy Transformations	Scientific and Technical Innovation	Through transforming energy, we can have an impact on the way people live now and, in the future.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Self-Management Communication
STEM Futures Elective: Biochemical Solutions	Year 9 Unit 1	The Need for Speed	Change	Conditions Models	Orientation in space and time	Models of exchange and interaction can be used to predict the effect of changing conditions.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Communication: Communication skills; Make inferences and draw conclusions
	Year 9 Unit 2	Living Chemistry	Systems	Energy Interaction	Scientific and technical innovation	Energy systems interact with each other and can be used for scientific and technical innovation.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Thinking: Creative thinking skills; Make guesses, ask "what if" questions and generate testable hypotheses Social: Collaboration skills; Make fair and equitable decisions
STEM Futures Elective: World of Reactions	Year 9 Unit 1	Atoms, acids and neutralization	Change	Interaction Evidence	Orientation in space and time	Change is evident from exchange and interaction.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Thinking: Critical Thinking Skills; Evaluate and manage risk
	Year 9 Unit 2	Reaction revolution	Relationships	Consequences Environment	Scientific and technical innovation	Relationships can have environmental consequences both caused and improved by scientific and technical innovation.	A: Knowing and Understanding B: Inquiring and Designing	Research: Information literacy skills; Collect, record and verify data; Process data and report results

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
							C: Processing and Evaluating D: Reflecting on the Impacts of Science	
STEM Futures Elective: Medical Physics	Year 9 Unit 1	Acoustic Medicine	Systems	Patterns Development	Scientific and technical innovation	Technological development allows us to recognise patterns in complex systems.	A: Knowing and Understanding C: Processing and Evaluating	Communication: Communication skills; Make effective notes for studying
	Year 9 Unit 2	Nuclear Medicine	Change	Energy Transformation	Scientific and technical innovation	Change occurs through energy transformation, but brings with it risk and consequences.	B: Inquiring and Designing D: Reflecting on the Impacts of Science	Thinking: Critical Thinking Skills; Revise and understand based on new information and evidence
	Year 9 Unit 3	EM Radiation Medicine	Systems	Models Development	Orientation in space and time	The development of models reveals more about the scale, frequency and variability within systems.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Thinking: Critical Thinking Skills; Draw reasonable conclusions and generalisations; Test generalisations and conclusions
STEM Futures Elective: Sustainable Futures	Year 9 Unit 1	One world	Relationships	Interaction Environment	Globalisation and sustainability	Interacting relationships between humans and the environment affects sustainability.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Self-management: Reflection skills; Consider ethical, cultural and environmental implications; Keep a journal to record reflections
	Year 9 Unit 2	Cities of the future	Systems	Consequences Transformation	Fairness and development	Human capability and development enables transformation, which can have consequences within and across systems.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Thinking: Critical thinking skills; Evaluate evidence and arguments; Identify trends and forecast possibilities
STEM Futures Elective: Fuelling the Planet	Year 9 Unit 1	Energy in chemical reactions	Change	Energy Transfer	Scientific and technical innovation	Change results in energy transfer, which can be measured using indirect methods.	A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating	Thinking: Critical Thinking Skills ; Practice observing carefully in order to recognise problems

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 9 Unit 2	Fuels for society	Systems	Energy Development	Scientific and technical innovation	The development of industrialised and engineered systems increases energy demand.	D: Reflecting on the Impacts of Science A: Knowing and Understanding B: Inquiring and Designing C: Processing and Evaluating D: Reflecting on the Impacts of Science	Research: Information literacy skills; Create references and citations
Mathematics								
Mathematics	Year 7 Term 1&2	Is fairness always equal?	Form	Equivalence Systems	Fairness and Development	Making fair judgements is easier if we understand a variety of numeric systems and forms.	A: Knowing and understanding	Self-Management: Organisation skills Thinking: Transfer skills Critical Thinking skills
	Year 7 Term 1&2	How can we bring things together? & Interdisciplinary Unit	Relationships	Patterns Simplification	Identities and Relationships	Identifying and using patterns and rules is the key to simplifying relationships, in life and in algebra.	A: Knowing and understanding B: Investigating Patterns C: Communicating	Research skills, Media literacy, Communication skills, Thinking-skill transfer, Affective Skills Self-management - Organisational Skills, Thinking-transfer skills
	Year 7 Term 3	How can we travel between dimensions?	Logic	Measurement Generalisation	Scientific and Technical Innovation	The general properties of shapes and our spatial environment can be measured by logic and manipulated and created by technology.	A: Knowing and understanding B: Investigating Patterns C: Communicating	Thinking Skills Research: Information literacy Communication Skills Thinking Skills – Transfer Critical
	Year 7 Term 4	How do we measure up? What's Next?	Form Logic	Space Measurement Generalisation Quantity	Orientation in Space and Time Scientific and technical innovation; Products	Measurement is expressed in various forms to communicate the space around or within an object. Mathematical logic helps us to find general rules in quantities and relationships and to make exciting, innovative discoveries.	D: Applying Mathematics in Real-Life Contexts A: Knowing and understanding	Thinking Skills – Creative Transfer Communication skills Thinking Skills – Creative Transfer Communication skills
	Year 8 Term 1	A Little Bit of History Repeating	Form	Equivalence Representation	Orientation in Space and Time	Throughout history, forms of representation have been used to justify equivalence.	A: Knowing and understanding B: Investigating Patterns C: Communicating	Communication: Use and Interpret a range of discipline specific terms and symbols

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 8 Term 2	Money, Money, Money!	Relationships	Model Quantity	Globalisation and Sustainability	Behaviour can be understood by and investigating modelling relationships .	C: Communicating D: Applying Mathematics in Real-Life Contexts	Self-Management: Organisation Skills: Plan short- and long-term assignments; meet deadlines.
	Year 8 Term 3	You Better Shape Up	Relationships	Generalisation Patterns Space Validity	Scientific and Technical Innovation	Relationships between spatial dimensions can be used to develop innovative products.	A: Knowing and understanding B: Investigating Patterns C: Communicating	Thinking: Critical Thinking Skills: Test Generalisations and Conclusions
	Year 8 Term 4	Take a Chance on Me	Form	Representation Equivalence Models	Identities and Relationships	Health and wellbeing information can be communicated using a variety of equivalent forms of representation.	A: Knowing and understanding C: Communicating D: Applying Mathematics in Real-Life Contexts	Research: Information Literacy Skills: (Data)
	Year 9 Term 1	How's it work?	Relationships	Patterns Systems Quantity	Identities & Relationships	Improved abilities to identify patterns and relationships between quantities leads to a better understanding of ourselves and others.	A: Knowing and understanding B: Investigating Patterns	Critical thinking skills: Analysing and evaluating issues and ideas Organisational Skills: Managing time and tasks effectively
	Year 9 Term 2	Howzat!	Logic	Equivalence Approximation Change	Personal & Cultural Expression	Logic, equivalence and approximation can be used for creative solutions in cultural contexts.	A: Knowing and understanding C: Communicating D: Applying Mathematics in Real-Life Contexts	Organisational Skills: Managing time and tasks effectively Transfer Skills: Apply skills and knowledge in unfamiliar situations.
	Year 9 Term 3	How much?	Form	Validity Approximation Space Models	Globalisation & Sustainability	Human impact on the environment can be understood through valid models and spatial forms.	A: Knowing and understanding C: Communicating D: Applying Mathematics in Real-Life Contexts	Self-Management: Affective Skills Managing State of Mind
	Year 9 Term 4	How likely?	Logic	Representation Validity	Fairness & Development	Global inequality can be represented fairly through valid, logical approaches.	A: Knowing and understanding B: Investigating Patterns	Communication: Communication Skills
Design								
Design	Year 7 Unit 1	User Interface Design in Mobile Applications.	Development	Adaptation Function	Personal and cultural expression	In the development of products, functionality is crucial for stakeholders.	A.: Inquiring and Analysing B: Developing Ideas C: Creating the Solution	Thinking: Creative Thinking Skills

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
	Year 7 Unit 2	Robots and Microbits	Systems	Function Resources	Globalisation and Sustainability	Feedback allows a system to function anonymously	D: Evaluating A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Thinking: Creative Thinking Skills
	Year 8 Unit 1	What is your online persona?	Development	Form Perspective	Identities and Relationships	Our design choices can influence how others perceive our online identity.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Communication skills Collaboration skills Organisation skills
	Year 8 Unit 2	How does a computer think?	Development	Form Perspectives	Scientific and Technical Innovation	Through understanding of a potential solution, algorithmic thinking can use common ideas to solve complex problems.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Critical Thinking Skills
STEM Futures Elective: Disrupting the Market	Year 9 Unit 1	Skills Folio	Development	Adaptation Innovation	Globalization and Sustainability	Products and processes must adapt in response to market trends.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution	Research: Information literacy skills
	Year 9 Unit 2	Young Designers	Communication	Collaboration Markets and Trends	Fairness and Development	Clear communication and effective collaboration are essential for entrepreneurial innovation.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Communication: Communication skills
STEM Futures Elective: Biomedical Engineering	Year 9 Unit 1	Engineering and the human body	Development	Innovation Evaluation	Scientific and technical innovation	Advances in technological resources can lead to innovative solutions.	B: Developing Ideas C: Creating the Solution	Research: Information literacy skills
	Year 9 Unit 2	3D Printed Medication	Development	Invention Resources	Scientific and technical innovation	Digital Tools support the rapid development of innovative solutions.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Research Thinking X Transfer
STEM Futures Elective: Future of Automation	Year 9 Unit 1	Think like a Programmer	Development	Invention, Evaluation	Scientific and technical innovation	In product development, evaluation is necessary for invention.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Thinking: Creative Thinking Skills, Transfer Skills
	Year 9 Unit 2	The future of automation	Systems	Function, Innovation	Globalization and sustainability	The function of a system can be adapted to reduce environmental impact.	A,: Inquiring and Analysing B: Developing Ideas C: Creating the Solution D: Evaluating	Thinking: Creative Thinking Skills, Transfer Skills
Physical and Health Education								

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
Physical and Health Education	Year 7 Term 1	I'm a team player!	Communication	Systems Functions	Fairness and development	For systems to function, communication and inclusion is necessary to value differences.	C: Applying and Performing D: Reflecting and Improving on Performance	Social: Collaboration Skills, Communication Skills
	Year 7 Term 2	Faster, higher, stronger!	Change	Choice Perspective	Scientific and technical innovation	Using scientific innovation offers perspective and leads to choices for purposeful change.	A: Knowing and Understanding B: Planning for Performance	Research: Information literacy skills
	Year 7 Term 3	Games and culture	Relationships	Movement and Interaction	Personal and cultural expressions	Ritual and play are integral to the development of relationships and can be expressed through movement and interactions.	A: Knowing and Understanding C: Applying and Performing	Thinking: Critical thinking skills
	Year 7 Term 4	Move it and groove it!	Development	Refinement and movement	Orientation in space and time	Refinement of movement orientated in space in time can lead to development.	B: Planning for Performance D: Reflecting and Improving on Performance	Self-management skills: Organisation skills; Affective Skills
	Year 8 Term 1	Food for sport	Development	Choice Energy	Personal and cultural expressions	Personal and cultural expression influences choices about energy and impacts development.	A: Knowing and Understanding C: Applying and Performing	Thinking: Critical thinking skills
	Year 8 Term 2	Use it or lose it	Change	Systems Adaptation	Scientific and technical innovation	Scientific and technical innovations guides adaptation of systems which fosters change.	B: Planning for Performance D: Reflecting and Improving on Performance	Communication: Communication skills
	Year 8 Term 3	Party Wisely	Relationships	Choice Perspective	Identities and relationships	Choice and perspective influence identity and relationships	A: Knowing and Understanding D: Reflecting and Improving on Performance	Thinking: Critical thinking skills
	Year 8 Term 4	Vital Signs First Aid	Development	Interaction Space	Orientation in space and time	Interactions affect functions in space and time	B: Planning for Performance C: Applying and Performing	Social: Collaboration skills
STEM Futures Elective: Healthy Futures	Year 9 Unit 1	Body in balance	Change	Systems	Scientific and technical innovation	Systems interact to adapt to physiological and environmental changes.	A: Knowing and Understanding	Thinking: Transfer skills groups and disciplines
	Year 9 Unit 2	Teamwork makes the dream work	Communication	Balance Interaction	Identities and relationships	Communication influences interaction and balance	B: Planning for Performance	Social: Collaboration skills

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
						through roles, teams, cooperation and competition.	C: Applying and Performing D: Reflecting and Improving on Performance	
	Year 9 Unit 3	Make a difference	Development	Choice	Identities and relationships	Physical, psychological and social development promotes healthy choices.	A: Knowing and Understanding B: Planning for Performance C: Applying and Performing D: Reflecting and Improving on Performance	Research: Information Literacy Skills Thinking: Critical Thinking skills
Arts								
Arts – Visual Art	Year 7 Unit 1	Improbable Beasts	Culture	Visual culture Representation	Personal and cultural expression	As culture evolves, so does the way we represent the world around us.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Communicating: Exchanging thoughts, messages and information effectively through interaction
	Year 7 Unit 2	Fantastic Fables	Perspective	Genre Narrative	Fairness and Development	Fairness and development are explored through genre and narrative to express different perspectives.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Research skills – media literacy
	Year 8 Unit 1	The Young Archies: Investigating and planning	Identity	Expression Narrative	Identities and relationships	Identity is expressed through creative narratives.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Thinking: Creative Thinking Skills
	Year 8 Unit 2	STEAM Influences	Development	Representation	Scientific and Technical Innovation	Developments in scientific and technical innovations are represented using media conventions	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Research skills: information literacy
STEM Futures Elective: Artists as Change makers	Year 9 Unit 1	Photography	Change	Interpretation Innovation	Orientation in space and time	Innovation leads to change and can be a response to an individual's interpretation of place and time.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Social: Collaboration Thinking: Creative Thinking Skills
	Year 9 Unit 2	Painting	Change	Interpretation Innovation	Orientation in space and time	Innovation leads to change and can be a response to an individual's interpretation of place and time.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively	Social – Collaboration Thinking: Creative Thinking Skills

Subject	Year level & Term	Topic/Inquiry	Key Concept	Related Concept/s	Global Context	Statement of Inquiry	MYP subject-group objective (s)	ATL Skills
Arts – Music	Year 7 Unit 1	Bold & the Beautiful: Introduction to Music Concepts	Communication	Play Presentation	Personal and cultural expression	Arts are used as a means of cultural communication to express ideas, feelings, and emotions and is open to personal interpretation.	D: Responding	
	Year 7 Unit 2	Showstoppers: The Musical	Creativity	Composition Audience	Identities and relationships	The arts are a form of self-expression, is key to identify and is a global unifier.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Communication: Give and receive meaningful feedback. Self-management: Reflection skills to keep a journal to record reflections.
	Year 8 Unit 1	Beatbox: Rock/Pop/Jazz	Creativity Development	Play Genre	Orientation in space and time	Arts is viewed as a means to enable creativity to explore genre over time.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Communication: Give and receive meaningful feedback. Research: Information literacy
	Year 8 Unit 2	Reimaginings: Classical	Identity	Composition and Expression	Identities and relationships	Arts is used as a means to celebrate identity through composition and expression and can strengthen relationships.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Self-management: Create original works and ideas, using existing works and ideas in new ways. Social: Delegate and share responsibility for decision-making.
STEM Futures Elective: Soundtrack	Year 9 Unit 1	Space Odyssey	Aesthetics	Interpretation Innovations	Orientations in space and time	Arts is used as a means to offer aesthetics that can depict interpretations and innovations through exploring orientations in space and time.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Thinking: Critical Thinking Propose and evaluate a variety of solutions
	Year 9 Unit 2	Soundtrack	Identity	Composition Narrative	Identities and relationships	Shared narratives can communicate and strengthen identity and relationships.	A: Knowing and Understanding B: Developing Skills C Thinking Creatively D: Responding	Self-management: Affective Skills: Perseverance

Positive Education Program

Year level & Term	Unit title/ Inquiry	PEEC Domain & Module	Knowledge and Skills	PEEC Concepts	IB ATL Skills	IB Learner Profile
Year 7 Term 1	Outstanding Citizens – The SMT Way	Positive Purpose 3. Core Values Positive Emotions 1. Emotional Intelligence 2. Self-Control	Values – self and SMT, emotions, self-regulation strategies	Flourishing	Thinking Self-management (Affective) Communication	Principled Knowledgeable
	A Healthy You Establishing healthy habits leading to success	Positive Health 3. Physical Wellbeing Positive Accomplishment 4. Grit & Persistence	Learning organisation, time management, balance and self-care, healthy habits, delayed gratification, procrastination, using the school diary and assessment calendar, chunking, weekly study timetable	Wellbeing PPIs	Self-management (Organisational/ Affective)	Balanced
Year 7 Term 2	New Beginnings – Building Strong Relationships	Positive Relationships 3. Leadership & teamwork 4. Kindness & Connections	Friendships, Active Constructive Responding (ACR), group work, online relationships, listening and negotiation	ACR	Social Self-management (Affective)	Reflective
	Bullseye! – Setting a goal and hitting the mark	Positive Accomplishment 2. Goal Orientation 3. Mindsets	Goal setting, SMART goals, PLPs, fixed vs growth mindset, neurogenesis, strategies for achieving goals	Mindsets	Self-management (Organisation)	Reflective Thinker
Year 7 Term 3	Strengths as Superpowers – Taking a Strengths Based Approach	Positive Purpose 2. Character Development Positive Health 2. Self-Knowledge	Character strengths, VARK learning preferences, self-awareness, building relationships	Character Strengths	Self-management (Organisation/ Affective)	Reflective
	Mindfulness	Positive Health 1. Mind-Body Connection	Mindfulness, flourishing, self-care, multi-taking research, negative or critical thinking, ATC	Mindfulness PPIs	Self-management (Affective) Thinking (critical thinking)	Balanced
Year 7 Term 4	Powering Up Positivity	Positive Emotions	Emotions and moods, positive psychology, flourishing, languishing, negativity bias, positive emotions and strategies to cultivate, forgiveness model	Broaden & Build Theory	Self-	Caring

Year level & Term	Unit title/ Inquiry	PEEC Domain & Module	Knowledge and Skills	PEEC Concepts	IB ATL Skills	IB Learner Profile
	Peak Performance – Reach for the Top	3. Positivity 4. Gratitude Positive Relationships 2. Forgiveness Positive Engagement 4. Motivation	Intrinsic and extrinsic motivation, stages of change model, strategies to cultivate intrinsic motivation, identity and areas for improvement	Gratitude Resilience	management Skills (Affective) Thinking Self-management (Affective)	Reflective Inquirer Risk taker
Year 8 Term 1	Outstanding Citizens – Becoming an IB Learner in both the physical and virtual world Stepping It Up! – Becoming a Leader	Positive Purpose 3. Core Values Positive Relationships 4. Kindness & Connections Positive Relationships 3. Leadership & Teamwork	IB philosophy and mission statement, IB learner attributes, social media, contributing to SMT in a positive way, Student Code of Conduct Leadership and characteristics of leaders, SMT leadership process, contributing to positive teams, communication. collaboration, cooperative and inclusive behaviours	Character Strengths ACR	Thinking (Transfer) Research (Media literacy) Social Skills Communication Thinking	Knowledgeable Open-minded Communicators Risk taker Caring
Year 8 Term 2	Sustainable Futures Walking in Other Peoples Shoes	Positive Engagement 1. Creativity 2. Curiosity & Interest Positive Relationships 1. Empathy & Compassion Positive Accomplishment 1. Decision Making	An inquiry-based unit – the class decides upon an environment issue presented by the Sustainable Futures Working Group that they can supported within the school High quality connections, relationships and wellbeing, neuroscience, empathy and empathetic listening, compassion, volunteering, perspectives, decision making	Character Strengths Gratitude	Communication Research Thinking Self-management (Organisation) Social Thinking	Inquirer Caring Open minded Caring Open Minded
Year 8 Term 3	The Meaningful Life – Purpose and Challenge	Positive Purpose 1. Caregiving 4. Sense of Meaning Positive Engagement	Belonging and serving, four pillars of meaning, eudaimonia, hedonia, altruism, positivity circle, working in a team, serving the community	Flourishing	Thinking Self-Management Communication	Principled Thinker Inquirer Caring

Year level & Term	Unit title/ Inquiry	PEEC Domain & Module	Knowledge and Skills	PEEC Concepts	IB ATL Skills	IB Learner Profile
		1. Creativity 2. Curiosity & Interest				
Year 8 Term 4	Failing Well – Dealing with disappointment and managing challenge	Positive Health 4. Resilience Positive Emotions 2. Self-Control	Self-image, strengths-based approach, broaden and build theory, resilience, overcoming adversity, emotional regulation strategies, delayed gratification, support networks, self-talk habits, perfectionism	Resilience	Self-management (Affective)	Reflective Risk taker
	In the Zone	Positive Engagement 3. Flow Positive Accomplishment 4. Grit & Persistence	Flow, stages of engagement, flow and well-being, flow and peak performance, achieving a state of flow, balance and self-regulation, dealing with stress	Flow	Self-management (Organisation/ Affective)	Balanced
Year 9 Term 1	High Quality Connections	Positive Relationships 1. Empathy and Compassion Positive Emotions 1. Emotional Intelligence 2. Self-Control	Goal setting, active listening, respectful relationships, online wellness	Wellbeing	Communication Social Self-management	Communicators Caring Reflective
Year 9 Term 2	Beginning the Journey Developing self-confident, resilient and compassionate future leaders	Positive Emotions 1. Emotional Intelligence 2. Self-Control 4. Gratitude	Self-confidence, emotional literacy, thought-feeling-behaviour loop, 'The Shame Trap', the Iceberg model, anger management and gratitude	PPIs	Self-management	Communicators Open-minded Balanced Reflective
Year 9 Term 3	The Journey Continues (Career Planning)	Positive Health 4. Resilience Positive Purpose 3. Core Values Positive Relationships 4. Sense of meaning	Sense of meaning, resilience, stress management, online wellness, career planning	Resilience	Communication Self-management	Reflective Thinker Principled

Year level & Term	Unit title/ Inquiry	PEEC Domain & Module	Knowledge and Skills	PEEC Concepts	IB ATL Skills	IB Learner Profile
Year 9 Term 4	Moving Forward Developing the behaviours required to succeed in life.	Positive Relationships 3. Leadership & Teamwork 4. Kindness & Connections Positive Purpose 4. Caregiving	Visualising the future, service, transitioning to Senior Years	Character Strengths	Social Communication Self-management	Communicators Caring Reflective
Year 10 Term 1	Back to Basics Finding your mojo as you begin senior school	Positive Relationships 1. Empathy & Compassion Positive Engagement 4. Motivation Positive Accomplishment 2. Goal Orientation	Motivation, Self-Determination Theory, procrastination, respectful relationships	Mindsets	Social Skills Self-management Skills	Reflective Open-minded Inquirers Thinker
Year 10 Term 2	Looking after Yourself Discovery and problem solving with healthy habits	Positive Health 1. Mind-Body Connections 3. Physical Wellbeing	Physical wellbeing	Mindfulness	Thinking Skills	Thinkers Balanced Inquirers Open-minded
Year 10 Term 3	Mental Toughness Developing Mentally Tough Teens	Positive Health 4. Resilience Positive Accomplishment 3. Grit & Persistence	Mental toughness, grit, stress, emotional intelligence	Flourishing	Self-Management skills Communication skills Thinking skills	Inquirer Knowledgeable Communicator Open Minded Risktaker Reflective
Year 10 Term 4	Service Learning Identifying community needs and seeing a	Positive Engagement 1. Creativity 2. Curiosity & Interest	CAS, project planning, TOP model	Character Strengths Flow	Social Skills Thinking Skills (critical)	Reflective Caring

Year level & Term	Unit title/ Inquiry	PEEC Domain & Module	Knowledge and Skills	PEEC Concepts	IB ATL Skills	IB Learner Profile
	project through from conception to fruition	Positive Purpose 1. Caregiving			Communication Skills	
Year 11 Term 1	Action Plan for Success	Positive Accomplishment Goal Orientation Grit and Persistence	Coaching approach, SWOT, goal setting, CAS, work habits	Wellbeing	Self-management Skills Social Skills	Reflective Risk-takers Inquirers Balanced Open Minded Knowledgeable
Year 11 Term 2	Engage, Serve, Inspire Inspiring others through everyday leadership	Positive Relationships Leadership and Teamwork Positive Accomplishment Goal Orientation	Feedback, study habits, leadership	Mindsets	Thinking Skills Communication Skills	Thinkers Balanced Reflective
Year 11 Term 3	Respectful Relationships	Positive Relationships Empathy and Compassion Kindness and Connections	Ethical relationships, importance of respectful relationships, gender and equality, positive relationships, negotiation	ACR	Social Skills Self-management Skills	Thinkers Principled Open-minded Caring Reflective

Years 10 – 12

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
English Language and Literature					

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
DPP English Language & Literature	Year 10 Term 1	Novel Study	<ol style="list-style-type: none"> 1. Engage with novels, with a focus on characterization, setting, theme, plot action, style and the use and effect of stylistic and literary features (authorial choices) pertinent to the texts 2. Learn to analyse and annotate a literary text in thorough detail. Be able to analyse and critique the text in sufficient depth so that students can respond to a topic that requires them to interpret the writer's portrayal of specific views and values in the novel. 3. Learn how to effectively unpack an essay topic and form a relevant thesis in response. 4. Practise planning and structuring a text response essay. This includes the ability to cite from the text appropriately in a sustained and accurate way; and to use accepted essay writing conventions effectively. 5. Evaluate the writer's intentions in portraying specific views and values; exploring the social, moral and ethical positions represented in texts. 		
	Year 10 Term 2	Persuasive Language	<ol style="list-style-type: none"> 1. Evaluate how and why context, intended purpose, target audience and text type all contribute to authorial choices 2. Use of targeted reading strategies to enhance deeper comprehension of persuasive non-literary texts and poetry. 3. Written and listening comprehension exercises to develop deep comprehension. 4. Engage with a range of persuasive text types and poetry in order to identify and analyse and annotate the various concepts, conventions, purposes and techniques. 5. Develop an understanding of the writer's intentions in presenting particular views and values through specific authorial choices. 6. Develop an understanding of the power of language and hypothesise how texts influence targeted demographic groups and cultural discourse. 7. Analyse stylistic and structural aspects of diction and register evident in texts, and identify cultural assumptions that create dominant and alternative readings. 8. Identify and analyse writer's intentions in choosing specific literary and non-literary devices and stylistic techniques (authorial choices). 9. Develop verbal and non-verbal oral presentation skills 		
DPP English Language & Literature SL & HL	Year 10 Term 3	Drama Study	<ol style="list-style-type: none"> 1. Explore and examine the key ideas and authorial choices in Shakespeare's Macbeth 2. Build knowledge and understanding of the dramatic conventions and narrative structure of Tragedies. 3. Develop an understanding of how dramas represent and at times challenge key cultural values and concepts. 4. Enhance the ability to examine texts through a range of literary lenses. 5. Further develop close reading and annotation skills. 6. Demonstrate comparative analytical essay writing skills in response to a question. 7. Learn how to effectively unpack and respond to a range of comparative essay topics. 8. Practise planning and structuring a comparative analytical response essay. This includes the ability to for a thesis, cite from the text appropriately in a sustained and accurate way; and to use accepted essay writing conventions effectively. 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 10 Term 4	Perspectives on Global Issues	1. A focus on the close reading and comprehension of literary texts and non-literary written and visual texts. 2. Practise understanding and identifying different types of texts for different purposes. 3. Interpret and analyse how views and values are represented in texts. 4. Consider how perspectives texts may be interpreted differently by different audiences. 5. Consider the writer's motivation in their authorial choices to discern how stakeholder or commentator in the global issue? 6. Analyse, annotate and evaluate the effects of writer's choices and intentions based on the context, purpose, text type and target audience of the text. 7. Development of oral presentation outline writing skills. 8. Further develop verbal and non-verbal skills for spoken presentations within a live public forum.		
English Language & Literature SL	Year 11 Term 1	How is identity explored through literary texts?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education How identity is explored through literary texts <ul style="list-style-type: none"> Chimamanda Adichie – The Thing Around Your Neck Contextual study through secondary criticism, articles, TED talks and news texts 	Identity Culture Perspective	Thinking: Critical thinking Communication Self- management
	Year 11 Term 2	How is identity explored through non-literary texts?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education How identity is explored through non-literary texts? <ul style="list-style-type: none"> Non-literary Texts that may be explored include: blogs, editorials, memoir writing, podcasts, travel writing, photo essays, TV series, photographs, and advertising campaigns. 	Identity Culture Perspective	Self-management Communication Thinking: Critical thinking
	Year 11 Term 3	What tensions exist between scientific progress and ethics?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Science, technology and the environment Study of literary text – Never Let Me Go – Kazuo Ishiguro Continue study of non-literary body of work: <ul style="list-style-type: none"> Non-literary Texts that may be explored include: blogs, editorials, memoir writing, podcasts, travel writing, photo essays, TV series, photographs, and advertising campaigns. 	Communication Representation	Thinking Self-management Communication Research
	Year 11 Term 4	How do authors use language to explore emotions, values and conflicts?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community Literary text: Wislawa Szymborska' Poetry (translated) Preparation for the Individual Oral	Representation Creativity Perspective	Thinking Communication Self-management
	Year 12 Term 1	How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)?	Area of Exploration: Time and Space; Intertextuality Drama study: Antigone – Jean Anouilh	Culture Perspective Representation Identity	Thinking Communication Self- management

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
English Language & Literature HL	Year 12 Term 2	How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)?	Area of Exploration: Readers, Writers, Texts; Time and Space; Intertextuality Global Issue links: Politics, power and justice Literary text: Homefire - Kamila Shamsie;	Culture Perspective Representation Transformation	Thinking Communication Self-management Research
	Year 12 Term 3	Revision program	Exam revision and preparation: analysis of selected literary and non- literary texts		
	Year 11 Term 1	How is identity explored through literary texts?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education How identity is explored through literary texts <ul style="list-style-type: none"> Chimamanda Adichie – The Thing Around Your Neck Contextual study through secondary criticism, articles, TED talks and news texts 	Identity Culture Perspective	Thinking: Critical thinking Communication Self- management
	Year 11 Term 2	How is identity explored through non-literary texts?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education How identity is explored through non- literary texts <ul style="list-style-type: none"> Non-literary Texts that may be explored include: blogs, editorials, memoir writing, podcasts, travel writing, photo 	Identity Culture Perspective	Self-management Communication Thinking: Critical thinking
	Year 11 Term 3	What tensions exist between scientific progress and ethics?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Science, technology and the environment Study of literary text – Never Let Me Go – Kazuo Ishiguro Continue study of non-literary body of work: <ul style="list-style-type: none"> Non-literary Texts that may be explored include: blogs, editorials, memoir writing, podcasts, travel writing, photo essays, TV series, photographs, and advertising campaigns. 	Communication Representation	Thinking Communication Self-management Research
	Year 11 Term 4	How do poets use language to explore emotions, values and conflicts ?	Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community Literary text: Wislawa Szymborska' Poetry (translated) Preparation for the Individual Oral	Representation Creativity Perspective	Thinking Communication Self- Management
	Year 12 Term 1	How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)?	Area of Exploration: Readers, Writers, Texts; Time and Space; Intertextuality Global Issue links: Politics, power and justice Drama study: Antigone – Jean Anouilh (Translated by Barbara Bray)	Culture Perspective Representation Identity	Thinking Communication Self- management
	Year 12 Term 2	How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)?	Area of Exploration: Readers, Writers, Texts; Time and Space; Intertextuality Global Issue links: Politics, power and justice Drama study: Novel study: Homefire - Kamila Shamsie; The Crucible – Arthur Miller	Culture Perspective Representation Transformation	Thinking Communication Self-management Research

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 3	Revision program	Exam revision and preparation: analysis of selected literary and non- literary text		
Language Acquisition					
DPP French ab initio	Year 10 Term 1	Greetings, introductions and musical preferences	1. Greetings 2. Introductions of self and others 3. Giving some personal information 4. Expressing preferences and tastes in music		
	Year 10 Term 2	Family and physical activity	1. Talking about family and relationships 2. Formal greetings 3. Talking about sports and body parts 4. Describing athletes 5. Discussing sporting preferences		
	Year 10 Term 3	School and fashion	1. Looking at the French calendar 2. Comparing school timetables (French and Australian) 3. Shopping for clothing		
	Year 10 Term 4	At home and on holidays	1. Describing housing and furniture 2. Making phone calls 3. Learning about holidays – countries and weather		
DPP French	Year 10 Term 1	From here and from elsewhere	Learning about heritage, discrimination and the evolution of language in modern society - Expressing an opinion - Synthesising information - Debating, suggesting, proposing - New writing styles (texting) - Registers in language		
	Year 10 Term 2	Living language and evolving family	Learning about the evolution of language in modern society and how the idea of family has changed - Formulating criticisms and regrets - Evoking memories and past anecdotes		
DPP French SL	Year 10 Term 3	Tomorrow is ours!	Learning about future career pathways and relationship changes - Professional future - Comparing options and making hypotheses - Justifying decisions and actions - Telling a story		
	Year 10 Term 4	Switched on and involved in a movement	Learning about local activities and inciting action - Defending a cause - Inviting action - Analysing medias		
DPP French HL	Year 10 Term 3	Tomorrow is ours! & Heroics	SL content + - Describing characters and their evolution - Summarising literature - Expressing interest, disinterest, annoyance, enthusiasm		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 10 Term 4	Switched on and involved in a movement & What does gender matter?	SL content + - Noticing stereotypes - Expressing expectations and hopes - Synthesising differing pieces information		
French ab initio SL	Year 11 Term 1	Welcome to French lifestyles	Physical geography, Climate, Neighbourhood Personal attributes, Personal relationships, Eating and drinking Daily routine, Transport, Holidays	Communication	Thinking Communication Self-Management
	Year 11 Term 2	French leisure and entertainment	Entertainment, Media, Leisure Holidays, Eating and drinking, Transport, Physical geography, Climate Education, The workplace, Neighbourhood	Communication	Thinking Self-Management Research
	Year 11 Term 3	French youth	Physical well-being, Eating and drinking Personal relationships, The workplace, Neighbourhood Entertainment, Technology Physical Geography, Climate, Global issues	Communication	Thinking Communication
	Year 11 Term 4	French daily life	Holidays, Transport Employment, Education Media	Communication	Self-management Research
	Year 12 Term 1	French in the world	Employment, Entertainment, Sport, Shopping Physical health, Environmental Concerns	Communication	Social Self-Management
	Year 12 Term 2	Global Impact	Technology, Media, Relationships World concerns, Climate, Physical Geography, Environmental concerns	Communication	Social Self-Management
	Year 12 Term 3	Revision Program	Exam revision and preparation		
French B SL	Year 11 Term 1	Self-identity	Conceptual understandings: Variation, audience, tone, context, purpose, meaning, text type. Skills: reading, listening, speaking and writing. Links to TOK: family links, origins, locations, languages and expression, memory, intuition, emotion, reason, faith, school.	Identity Perspective	Thinking Self-management
	Year 11 Term 2	Social life 10 weeks	Conceptual understandings: purpose and meaning. Skills: reading, listening, speaking and writing. Links to TOK: social life, discrimination, laws, technology and learning a language.	Communities Relationships	Social Communication
	Year 11 Term 3	Science, technology, communication and media 10 weeks	Conceptual understandings: context, text type, audience, meaning, purpose, variation. Skills: reading, listening, speaking and writing. Links to TOK: human ingenuity, science, technology, society, art, cinema, books, media.	Development Creativity	Thinking Research
	Year 11 Term 4	The environment and globalisation 8 weeks	Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register. Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change.	Global interactions	Thinking Self-management
	Year 12 Term 1	Tourism and travel 10 weeks	Conceptual understandings: audience, purpose, text type, variation, context, meaning.	Time, place and space	Social Communication

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Skills: reading, listening, speaking and writing. Links to TOK: travels, reality television, informative pieces on television and reliability of information, fake news, the internet, human knowledge.		
	Year 12 Term 2	Culture and health 10 weeks	Conceptual understandings: context, purpose, audience, meaning, planning a text. Skills: reading, listening, speaking and writing. Links to TOK: culture, mental and physical health, managing a balance, prejudices.	Culture Aesthetics	Thinking Research
	Year 12 Term 3	Revision Program	Exam revision and preparation		
French B HL	Year 11 Term 1	Self-identity	Conceptual understandings: Variation, audience, tone, context, purpose, meaning, text type. Skills: reading, listening, speaking and writing. Links to TOK: family links, origins, locations, languages and expression, memory, intuition, emotion, reason, faith, school. HL only: written and oral activity on <i>Les identités meurtrières</i> by Amin Maalouf (see Le Monde en Français, pp. 27-28)	Identity Perspective	Thinking Self-management
	Year 11 Term 2	Social life	Conceptual understandings: purpose and meaning. Skills: reading, listening, speaking and writing. Links to TOK: social life, discrimination, laws, technology and learning a language. HL only: reading activity on <i>Kiffe Kiffe Demain</i> by Faïza Guène (see Le Monde en Français, pp 215)	Communities Relationships	Social Communication
	Year 11 Term 3	Science, technology, communication and media	Conceptual understandings: context, text type, audience, meaning, purpose, variation. Skills: reading, listening, speaking and writing. Links to TOK: human ingenuity, science, technology, society, art, cinema, books, media. HL only: reading activity on <i>Tarmac</i> by Nicolas Dickner (see Le Monde en Français, pp 154).	Development Creativity	Thinking Research
	Year 11 Term 4	The environment and globalisation	Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register. Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change. HL only: reading, writing and speaking activities on <i>Le scaphandre et le papillon</i> by Jean-Dominique Bauby (see Le Monde en Français, pp 322-325)	Global interactions	Thinking Self-management
	Year 12 Term 1	Tourism and travel	Conceptual understandings: audience, purpose, text type, variation, context, meaning. Skills: reading, listening, speaking and writing. Links to TOK: travels, reality television, informative pieces on television and reliability of information, fake news, the internet, human knowledge. HL only: reading activity on <i>Voyages et autres déplacements</i> by Sylvie Massicotte (see Le Monde en Français, pp 93-94)	Time, place and space	Social Communication
	Year 12 Term 2	Culture and health	Conceptual understandings: context, purpose, audience, meaning, planning a text. Skills: reading, listening, speaking and writing.	Culture Aesthetics	Thinking Research

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Links to TOK: culture, mental and physical health, managing a balance, prejudices. HL only: reading activity on <i>Biographie de la faim</i> by Amélie Nothomb (see Le Monde en Français, pp 54-55).		
	Year 12 Term 3	Revision Program	Exam revision and preparation		
DPP German	Year 10 Term 1	Identities	<ul style="list-style-type: none"> - expressing dreams and wishes - talking about future plans, role models, feelings - describing family, health concerns, stereotypes Grammar: conjunctive, verbs with prepositions, relative clauses with prepositions, genitive plural, subordinate clauses, temporal conjunctions.		
	Year 10 Term 2	Experiences	<ul style="list-style-type: none"> - talking about the future of cities - commenting on a restaurant visit and travel - discussing the advantages and disadvantages of work - analysing graphs Grammar: future tense, conjunctions, simple past, reflexive verbs with dative pronouns, participles as adjectives, prepositions with genitive.		
DPP German SL & HL	Year 10 Term 3	Human Ingenuity and Social Organisation	<ul style="list-style-type: none"> - looking at strengths and weaknesses - describing favourite places - discussing conflict and resolution - formulating opinions Grammar: relative clauses in nominative and accusative, relative pronouns, infinitive with 'zu', indefinite pronouns, possessive pronouns		
	Year 10 Term 4	Sharing the Planet	<ul style="list-style-type: none"> - raising objections and offering opinions - discussing commitment to causes - talking about the environment and the role of technology - learning from history Grammar: Conjunctions, indirect questions, genitive prepositions, past perfect tense, subordinate clauses		
German ab initio SL	Year 11 Term 1	German in Daily Life	Furniture, Schoollife, Worklife, Technology Grammar: Prepositions, Adjectives, Two Way Prepositions, Modal Verbs, Sentence Structure, Indirect Questions	Communication	Social Communication
	Year 11 Term 2	German Worldwide	Friends, Emergency, Food, Shopping, Party, Culture Grammar: Past Tense, Adjectives, Relative Sentences, Cases, Prepositions, Verbs with prepositions	Communication	Social Communication
	Year 11 Term 3	German Together	Relationships, Swapping Items, Cooking and Diets, Environment Grammar: Verbs in past, present and future, prepositions, Adjectives, Conjunctive II	Communication	Thinking Research
	Year 11 Term 4	German Culture and Extension	Consolidation and extension of grammar and extending the knowledge of German through texts, videos and audio.	Communication	Social Self-Management
	Year 12 Term 1	Revision Program	Exam revision and preparation		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
German B SL	Year 11 Term 1	Identities and Relationships	Reflecting on who we are Stereotypes Healthy eating and fitness Values and Religion Globalisation Grammar: adjectives, modal verbs, connectives, pronouns, reflexive verbs and pronouns	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Self-management
	Year 11 Term 2	Experiences	Multiculturalism in Germany German cuisine Festivals and Traditions Travel with Purpose Grammar: colloquialisms, sentence structure, present tense, opinions Skills: reading, listening, speaking and writing.	Variation, audience, tone, context, purpose, meaning, text type.	Social Communication
	Year 11 Term 3	Human Ingenuity	Influence of the media Film genres with close analysis Music with Conscience Influence of Advertising Grammar: sentence structure with relative pronouns, review writing, passive Skills: reading, listening, speaking and writing.	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Research
	Year 11 Term 4	Social Organisation	Influences of digital media Problems with social media Different social backgrounds and their importance on young people's lives German school system Role of the internet in schools today German laws and society including punishments Grammar: modal verbs, prepositions, passive sentences Skills: reading, listening, speaking and writing.	Variation, audience, tone, context, purpose, meaning, text type.	Social Communication
	Year 12 Term 1	Sharing the Planet	Consequences of globalisation Consumer society and fair trade Influence of environmental concerns on daily life Relationship between travel and environment Global refugee situation Consequences of Germany quitting nuclear energy Grammar: adverbs, conjunctions, emotive language, indirect speech, future tense Skills: reading, listening, speaking and writing.	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Self-management
	Year 12 Term 2	Togetherness	Tailored revision program for selected topics. Famous Germans German Literature Cultural influences worldwide Grammar: past tenses, informal/formal speech, word order in complex sentences Skills: reading, listening, speaking and writing.	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Research
	Year 12	Revision Program	Exam revision and preparation		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
German B HL	Term 3				
	Year 11 Term 1	Identities and Relationships	Reflecting on who we are Stereotypes Healthy eating and fitness Values and Religion Globalisation Grammar: adjectives, modal verbs, connectives, pronouns, reflexive verbs and pronouns HL only: written and oral activity on Tschick by Wolfgang Herrndorf	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Self-management
	Year 11 Term 2	Experiences	Multiculturalism in Germany German cuisine Festivals and Traditions Travel with Purpose Grammar: colloquialisms, sentence structure, present tense, opinions Skills: reading, listening, speaking and writing. HL only: reading activity on Tschick by Wolfgang Herrndorf	Variation, audience, tone, context, purpose, meaning, text type.	Social Communication
	Year 11 Term 3	Human Ingenuity	Influence of the media Film genres with close analysis Music with Conscience Influence of Advertising Grammar: sentence structure with relative pronouns, review writing, passive Skills: reading, listening, speaking and writing. HL only: reading activity on Der Vorleser by Bernhard Schlink	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Research
	Year 11 Term 4	Social Organisation	Influences of digital media Problems with social media Different social backgrounds and their importance on young people's lives German school system Role of the internet in schools today German laws and society including punishments Grammar: modal verbs, prepositions, passive sentences Skills: reading, listening, speaking and writing. HL only: reading, writing and speaking activities on Der Vorleser by Bernhard Schlink	Variation, audience, tone, context, purpose, meaning, text type.	Social Communication
	Year 12 Term 1	Sharing the Planet	Consequences of globalisation Consumer society and fair trade Influence of environmental concerns on daily life Relationship between travel and environment Global refugee situation Consequences of Germany quitting nuclear energy Grammar: adverbs, conjunctions, emotive language, indirect speech, future tense Skills: reading, listening, speaking and writing. HL only: reading activity on Selected Poems	Variation, audience, tone, context, purpose, meaning, text type.	Thinking Self-management
	Year 12 Term 2	Togetherness	Tailored revision program for selected topics. Famous Germans German Literature	Variation, audience, tone, context,	Thinking Research

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Cultural influences worldwide Grammar: past tenses, informal/formal speech, word order in complex sentences Skills: reading, listening, speaking and writing. HL only: reading activity on Selected Poems	purpose, meaning, text type.	
	Year 12 Term 3	Revision Program	Exam revision and preparation		
DPP Japanese ab initio	Year 10 Term 1	Foundation unit – Myself and family	• Hiragana • Greetings • Self-introduction (name, age, grade, phone number) • Numbers • Where you live • Nationality • Family • Animals (pet) • Body parts • Describing people and animals • School subjects/timetable • Japanese schooling system • Likes and Dislikes • Adjectives • School club activities		
	Year 10 Term 2	Leisure, Shopping and Entertainments	• Katakana • Verbs • Verb conjugation • Going somewhere to do something • Particles • て form • Days of the week • Transports • Entertainments (Hobbies, Sports) • Shopping • Food and drinks • Please do • Asking permission and approval • Demonstratives • Quantity words • Counters • Kanji		
	Year 10 Term 3	Daily Routine and Celebrations	• Daily routine • Time • Classroom objects • Adjectival conjugation • Days and Dates • Letter/email writing • Giving and receiving • Countries, languages and nationalities • Verb て form • Comparisons • Kanji		
	Year 10 Term 4	Clothing and Holiday	• Invitations and negotiations • Clothing • Want to and do not want to • Colours • Weather • Seasons • Places • Locations • Directions • Holiday planning • Kanji		
DPP Japanese	Year 10 Term 1	Family, home and hometown	My town, my house, and my room (describing location and direction) Describing locations Telling the way <ul style="list-style-type: none"> Place に Something があります Something は Place にあります Place で Direction にまがります Introducing my family and typical Japanese family life <ul style="list-style-type: none"> Describing family たいせつな家族 (iiTomo senior) Describe your family and other families Talk about what you do with your family <ul style="list-style-type: none"> Verb plain ことが[好き/上手/下手/とく/い/にがて]です / ことができます ...と思います。 [reason]からです。 たりたり と言います。 てくれます。 てこまります なさい んです・のです 		
	Year 10 Term 2	Festivals and events	A comparison of Japanese and Australian festivals and events <ul style="list-style-type: none"> Joining adjectives / joining sentences 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Joining verbs with the たりたり form <p>Typical Japanese diet and popular Australian foods</p> <ul style="list-style-type: none"> ことがあります/ありません <p>Seasons and seasonal events in Japan</p> <ul style="list-style-type: none"> なります から Plain present と が見えます 		
DPP Japanese SL	Year 10 Term 3	Traveling to Japan	<p>Traveling to Japan</p> <ul style="list-style-type: none"> All plain forms かかります と言います/と思います Verb plain ことにします Verb て みます <p>Introducing my country and my city to Japanese people</p> <ul style="list-style-type: none"> Verb ないで下さい Verb ほうがいいです Verb つもりです <p>わくわく日本旅行! (iiTomo senior)</p> <ul style="list-style-type: none"> Verb のは初めてです Verb plain よていです Noun の間に Place にいる間に / Verb ている間に 		
	Year 10 Term 4	School life	<p>Japanese schools and my school</p> <ul style="list-style-type: none"> Verb てもいいです / てはいけません Verb なければなりません / なくてははいけません Verb なくてもいいです <p>この学校、あの学校どうちがう? (iiTomo senior)</p> <ul style="list-style-type: none"> Verb たことがあります Verb なくてもいい Verb ても、Verb なくてもいいです Verb ないでください 		
DPP Japanese HL	Year 10 Term 3	Traveling to Japan	<p>SL content +</p> <ul style="list-style-type: none"> Extra kanji + grammar practice Reading comprehension, writing and speaking activities using authentic resources (e.g. travel brochures, newspaper articles) 		
	Year 10 Term 4	School life	<p>SL content +</p> <ul style="list-style-type: none"> Extra kanji + grammar practice Reading comprehension and writing (e.g. Japanese websites) 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
Japanese ab initio SL	Year 11 Term 1	My Everyday Life	Neighbourhood, Locations, Directions School related likes and dislikes Family life, Personal relationships, Personal attributes	Communication	Social Communication Research
	Year 11 Term 2	Holidays and Celebrations	Holidays in Japan and Australia Celebrations in Japan, Special days in Japan, National holidays, Traditional activities, Festivals Daily routines, Weather/seasons, Climate	Communication	Communication Self-Management
	Year 11 Term 3	Entertainments / Sports / Hobbies	Expressing feelings and opinions, Transport Hobbies, Sports, Leisure activities, Fitness, Health Environmental issues, Global issues	Communication	Thinking Social Research
	Year 11 Term 4	Social Organization	Education, School subjects, School timetable, Rules and expectations, School routines, Social issues about schooling, School uniforms, Jobs, Future/dreams, Media, Technology Shopping, Talking about preferences, Clothing	Communication	Self-management Research
	Year 12 Term 1	Physical health / Eating and drinking	Physical health, Education, Leisure, Social issues Weather, Seasons, Holidays, Festivals, Celebrations	Communication	Communication Self-Management
	Year 12 Term 2	Sharing the planet	Diet, Dining etiquette, Holidays, Transport, Physical geography, Physical health, Technology, Media, Social issues, Education, Personal relationships, The workplace	Communication	Social Self-Management
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Japanese B SL	Year 11 Term 1	International traditional food / 世界の食文化	What ideas and images do we associate with a healthy lifestyle? How would living in another country affect our worldview? How do the development of technology affect our life? Text formats: review, instructions, speech, blog, website, critical writing	Custom & Tradition (食の文化) Science innovation Health & well-being	Research skills
	Year 11 Term 2	What is education for? / 教育って何のため?	What opportunities and challenges the 21st century workplace bring? What role does language play? Text formats: blog, social media	Education The working world Language Globalization Ethics Equality	Thinking skills
	Year 11 Term 3	How do we express ourselves through art? / どうやって自分を芸術的に表現しますか?	What can we learn about a culture through its artistic expressions? (What ethical and environmental issues arise from living in the modern world and how can we resolve them? Text formats: poetry, song lyric, poster, audio-visual text	Artistic expression Peace and conflict Media and communication	Social skills
	Year 11 Term 4	Extreme travel / エクストリームトラベル	How does travel broaden one's horizon? What ideas and images do we associate with a healthy lifestyle? Text formats: blog, diary, brochure, news report, review, article	Lifestyles Health and well-being Leisure activity Holidays and travel	Research skills

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
				Urban and rural environment	
	Year 12 Term 1	What's your identity? / あなたのアイデンティティー	What constitutes identity? How do you express identity? What ethical challenges arise from living in the modern world? And how do we resolve them? Text formats: diary, interview, essay, email, blog, opinion column	Beliefs and values Language and identity Subcultures Community Life stories Human rights Equality	Thinking skills
	Year 12 Term 2	For our peaceful future Culture and health	What environmental and social issues present challenges to the world? and how can these challenges be overcome? How do the development in science and technology influence our lives? Text formats: Article, news report, opinion column, report, debate	Human rights Peace and conflict Ethics Technology Scientific innovation Ethics	Self-management skills
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Japanese B HL	Year 11 Term 1	International traditional food / 世界の食文化	What ideas and images do we associate with a healthy lifestyle? How would living in another country affect our worldview? How do the development of technology affect our life? Text formats: review, instructions, speech, blog, website, critical writing HL: 注文の多い料理店 宮沢賢治 注文の多い料理店 宮沢賢治	Custom & Tradition (食の文化) Science innovation Health & well-being	Research skills
	Year 11 Term 2	What is education for? / 教育って何のため?	What opportunities and challenges the 21st century workplace bring? What role does language play? Text formats: blog, social media HL: 注文の多い料理店 宮沢賢治 はじめての文学 重松清	Education The working world Language Globalization Ethics Equality	Thinking skills
	Year 11 Term 3	How do we express ourselves through art? / どうやって自分を芸術的に表現しますか?	What can we learn about a culture through its artistic expressions? (What ethical and environmental issues arise from living in the modern world and how can we resolve them? Text formats: poetry, song lyric, poster, audio-visual text HL: 無口の手紙 向田邦子	Artistic expression Peace and conflict Media and communication	Social skills
	Year 11 Term 4	Extreme travel / エクストリームトラベル	How does travel broaden one's horizon? What ideas and images do we associate with a healthy lifestyle? Text formats: blog, diary, brochure, news report, review, article HL: 無口の手紙 向田邦子	Lifestyles Health and well-being Leisure activity Holidays and travel Urban and rural environment	Research skills

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 1	What's your identity? / あなたのアイデンティティー	What constitutes identity? How do you express identity? What ethical challenges arise from living in the modern world? And how do we resolve them? Text formats: diary, interview, essay, email, blog, opinion column HL: 蜘蛛の糸 / みかん 芥川龍之介 気まぐれロボット 星新一	Beliefs and values Language and identity Subcultures Community Life stories Human rights Equality	Thinking skills
	Year 12 Term 2	For our peaceful future / 平和な未来のために 私たちの地球 社会生活 日々の暮らし Culture and health	What environmental and social issues present challenges to the world? and how can these challenges be overcome? How do the development in science and technology influence our lives? Text formats: Article, news report, opinion column, report, debate	Human rights Peace and conflict Ethics Technology Scientific innovation Ethics	Self-management skills
	Year 12 Term 3	Revision Program	Exam revision and preparation		
DPP Latin	Year 10 Term 1	An introduction to Latin prose and poetry	Introduction to Latin prose and poetry. Present subjunctive, Word Order (separation of nouns and adjectives in verse), indirect statement (perfect active infinitive), indirect statement (perfect passive infinitive), fear clauses, word patterns.		
	Year 10 Term 2	Social contracts and marriage	Marriage: preliminaries, legal forms, the wife's position, and some evidence of married relationships. Indirect statement (present main verb and perfect active infinitive). Present subjunctive. Indirect statement (present main verb and perfect passive infinitive).		
DPP Latin SL	Year 10 Term 3	Roman literature and law	Authors, readers and listeners: publication and bookshops; patronage and imperial influence; the interrelation of rhetorical education and Roman literature. Roman law courts, the conduct of cases, and an assessment of Roman justice. Present, future and imperfect passive and deponent (1st and 2nd persons plural) Word order continued (the placing of nouns and adjectives in verse). Indirect statement after verbs in the past tense. Gerundives with ad to express purpose.		
	Year 10 Term 4	Grammar and syntax revision	Refinement of translation strategies, comprehension, and understanding nuances.		
DPP Latin HL	Year 10 Term 3	Roman literature and law & Lectiones Memorabiles	SL content + Court trials and legal approaches.		
	Year 10 Term 4	Grammar and syntax revision & consolidation and extension	SL content + Consolidation and extension.		
Latin B SL	Year 11 Term 1	Virtues & Vices	Introduction to authentic Latin texts Roman values	Meaning, form and language	

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
				Text, author and audience Time, space and culture	
	Year 11 Term 2	Power and Popularity Part 1	Sallust <i>Bellum Jugurthum</i> Late republican politics: Marius & Sulla Historical writing	Meaning, form and language Text, author and audience Time, space and culture	
	Year 11 Term 3	Power and Popularity Part 2	Lucan <i>Bellum Civile</i> Cicero <i>Epistulae</i> Introduction to Roman poetry Civil war: Caesar & Pompey	Meaning, form and language Text, author and audience Time, space and culture	
	Year 11 Term 4	Pax Augusta	Seneca <i>De Clementia</i> Cicero <i>Philippics</i> Virgil <i>Aeneid 6</i> Transition from republic to empire Roman philosophy Rhetorical devices	Meaning, form and language Text, author and audience Time, space and culture	
	Year 12 Term 1	Fate and Fortune	Vergil <i>Aeneid 2</i> Latin epic poetry Scansion Poetic devices	Meaning, form and language Text, author and audience Time, space and culture	
	Year 12 Term 2	Fate and Fortune	Vergil <i>Aeneid 2</i> Latin epic poetry Scansion Poetic devices	Meaning, form and language Text, author and audience Time, space and culture	
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Latin B HL	Year 11 Term 1	Virtues & Vices	Introduction to authentic Latin texts Roman values Introduction to prose composition	Meaning, form and language Text, author and audience Time, space and culture	Thinking Skills
	Year 11 Term 2	Power and Popularity Part 1	Sallust <i>Bellum Jugurthum</i> Late republican politics: Marius & Sulla Historical writing	Meaning, form and language	Thinking Skills Communication Skills

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<i>Cicero pro Caelio</i>	Text, author and audience Time, space and culture	
	Year 11 Term 3	Power and Popularity Part 2	Lucan <i>Bellum Civile</i> Cicero <i>Epistulae</i> Introduction to Roman poetry Civil war: Caesar & Pompey <i>Cicero pro Caelio</i>	Meaning, form and language Text, author and audience Time, space and culture	Research Skills
	Year 11 Term 4	Pax Augusta	Seneca <i>De Clementia</i> Cicero <i>Philippics</i> Virgil <i>Aeneid 6</i> Transition from republic to empire Roman philosophy Rhetorical devices <i>Cicero pro Caelio</i>	Meaning, form and language Text, author and audience Time, space and culture	Thinking Skills
	Year 12 Term 1	Fate and Fortune	Vergil <i>Aeneid 2</i> Latin epic poetry Scansion Poetic devices	Meaning, form and language Text, author and audience Time, space and culture	Thinking Skills Research Skills
	Year 12 Term 2	Fate and Fortune	Vergil <i>Aeneid 2</i> Latin epic poetry Scansion Poetic devices	Meaning, form and language Text, author and audience Time, space and culture	
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Spanish ab initio SL	Year 11 Term 1	Welcome to Spanish lifestyles	Personal attributes Personal relationships Eating and drinking	Communication	Thinking Communication Self-Management
	Year 11 Term 2	Spanish leisure and entertainment	Physical well-being Daily routine Leisure Holidays	Communication	Thinking Self-Management Research
	Year 11 Term 3	Spanish youth	Festivals and celebrations Transport Entertainment Media	Communication	Thinking Communication
	Year 11 Term 4	Spanish daily life	Technology Neighbourhood Education	Communication	Self-management Research

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 1	Spanish in the world	The workplace Social Issues Physical geography	Communication	Social Self-Management
	Year 12 Term 2	Global Impact	The environment Global issues	Communication	Social Self-Management
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Individuals and Societies					
DPP Business Management (incl. STEM Futures Elective: Show Me the Money)	Year 10 Term 1	Marketing a product	Consumers <ul style="list-style-type: none"> • Consumer Behaviour • Why consumers buy • What do consumers' value? • Different types of value • What are consumers prepared to pay for • E.g. sustainable products may cost more but consumers will pay more if they value it 4Ps of marketing: <ul style="list-style-type: none"> • What is a marketing plan? • Why have a marketing plan? • What is a marketing mix? • Product position/perception map Price <ul style="list-style-type: none"> • Finance: set pricing objectives, pricing, revenue, profit, loss, profit targets, pricing objectives • Competitor pricing vs premium pricing • Finance: Break-even - link between break-even and pricing Product <ul style="list-style-type: none"> • Tangible products • Services to a tangible product can add value (how you design a product) • Branding • Differentiation and branding • Product life cycle • The role of market research Case study: Water and packaging.		
	Year 10 Term 2	Marketing a product and entrepreneurial skills	Place <ul style="list-style-type: none"> • Channels of distribution, choosing a location product Promotion <ul style="list-style-type: none"> • Difference between promotion and advertising • Above and below-the-line advertising • Social media as a promotional strategy Entrepreneurship/Ventures program <ul style="list-style-type: none"> • Intrapreneurship and Entrepreneurship, needs and wants • Introducing prototype • Develop prototype 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Pitch-present a new idea for breakfast cereals using a slide presentation Sales forecasting <ul style="list-style-type: none"> Sales, trends and forecasting and moving averages 		
DPP Business Management HL	Year 10 Term 3	Business objectives and measuring success of a product	Introduction to Business Key concepts: ethics, sustainability, change Organisational objectives <ul style="list-style-type: none"> SWOT analysis Ansoff matrix Organisation external environment <ul style="list-style-type: none"> PEST analysis Business objectives <ul style="list-style-type: none"> Vision, mission statements Business aims and objectives Break-even <ul style="list-style-type: none"> Constructing a break-even chart Using break-even formula Analysing the chart Costs and revenues <ul style="list-style-type: none"> Fixed and variable costs Total revenue Profit and loss <ul style="list-style-type: none"> Breakeven Total revenue and total costs Gross, net and net profit after tax Dividends and retained profit 		
	Year 10 Term 4	Measuring success of the product	Profit and loss <ul style="list-style-type: none"> Profit and loss statements Profitability ratios (GPM, NPM, ROCE, gearing, current ratio, acid test ratio) The difference between cash flow and profit Return on investment <ul style="list-style-type: none"> Payback ARR Sustainability <ul style="list-style-type: none"> Triple bottom line (economic, social, environmental) Circular economy 		
Business Management HL	Year 11 Term 1	Unit 1: Business organisation and environment	Overview of BM syllabus and CBL Introduction to business Types of organization Organisational objectives Stakeholders External environment Growth and evolution	Ethics Globalisation	

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 11 Term 2	Unit 3: Finance and accounts	1.7 Organizational planning tools CUEGIS Sources of finance Costs and revenues Break-even analysis 3.4 Final accounts	Strategy	
	Year 11 Term 3	Unit 3: Finance and accounts	3.5 Profitability and liquidity ratio analysis 3.6 Efficiency ratio analysis 3.7 Cash flow Investment appraisals Budgets CUEGIS Introduction to IA	Strategy	
	Year 11 Term 4	Unit 2: Human Resource Management	Functions and evolution of HR Organisational structure Leadership and management Motivation Organisational (corporate) culture Industrial-employee relations CUEGIS Introduction to Case Studies Analysis of Paper 1 CUEGIS – essay preparation connecting concepts with businesses	Culture Innovation	
	Year 12 Term 1	Unit 4: Marketing	Role of marketing Marketing planning 4.3 Sales forecasting Market research Four Ps Extended marketing mix of 7Ps 4.7 International marketing 4.8 E-commerce	Change Ethics Globalisation	
	Year 12 Term 2	Unit 5: Operations	Role of operations management Production methods 5.3 Lean production and quality management 5.4 Location 5.5 Production planning	Management Innovation Change	
	Year 12 Term 3	Revision Program	5.6 Research and Development 5.7 Crisis management and contingency planning Exam revision and preparation		
DPP Economics (incl. STEM Futures Elective:	Year 10 Term 1	The economic problem and market failure - externalities	Economic problem Economic systems Competitive markets Allocative efficiency (optimal allocation) Market failure - externalities		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
Tragedy of the Commons)	Year 10 Term 2	Government response to the overuse of common access resources	Government responses to externalities Market failure – common access resources Government intervention: <ul style="list-style-type: none"> • market based policies • regulations • property rights • collective self-governance • education Inquiry into a contemporary issue relevant to students.		
	Year 10 Term 3	Introduction to Macroeconomics	The circular flow of income model PPC Business cycle AD/AS model (determinants and use for analysis) – SRAS only Macroeconomic objectives – unemployment, inflation, growth. Monetary policy		
DPP Economics HL	Year 10 Term 4	Free Trade & Protectionism	Benefits and costs of trade Absolute and comparative advantage Trade protectionism – tariff and subsidy Floating exchange rates Introduce commentary article, planning document, key concept and evaluation Application and analysis Synthesis and evaluation Use and application of appropriate skills		
	Year 11 Term 1	Introduction to Economics Microeconomics The global economy	1.1 What is economics? 4.1 Benefits of international trade (comparative/absolute advantage only) 1.2 How do economists approach the world? (HET – Classical School of 18th & 19th C only) 2.1 Demand 2.5 Elasticity of demand 2.2 Supply 2.6 Elasticity of supply 2.3 Competitive market equilibrium 4.5 Exchange rates (RLA Floating ER's Diagrams and Determinants Only)	Interdependence Economic well-being Change Scarcity Choice Equity Sustainability Intervention	Thinking Communication
Economics HL	Year 11 Term 2	Microeconomics The global economy Microeconomics	2.7 Role of government in microeconomics 4.2 Types of trade protection (Standard Protection Diagrams Only) 4.5 Exchange rates (RLA in 2.7 Fixed ER's Diagrams Only) 2.8 Market failure—externalities and common pool or common access resources 2.9 Market failure—public goods 2.4 Critique of the maximizing behaviour of consumers (Rational Consumer Choice & Behavioural Economics Only). 1.2 HET – Behavioural Economics Only 2.10 Market failure—asymmetric information	Scarcity Choice Efficiency Change Equity Intervention Sustainability	Thinking Communication Research

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			2.4 Critique of the maximizing behaviour of producers 2.11 Market failure—market power (Up to PC/Monopoly)		
	Year 11 Term 3	Microeconomics Macroeconomics	2.11 Market failure—market power (Oligopoly, Monopolistic Competition, Market Power Evaluation & Government Intervention) 2.12 The market's inability to achieve equity 3.1 Measuring economic activity and illustrating its variations 3.2 Variations in economic activity—aggregate demand and aggregate supply 1.2 How do economists approach the world? (HET – Keynesian Vs Monetarism/New Classicals) 3.3 Macroeconomic objectives	Scarcity Choice Efficiency Change Equity Sustainability Economic well-being Intervention Interdependence	Thinking Communication Research Reflective Critical
	Year 11 Term 4	Macroeconomics	3.5 Demand management (demand side policies)—monetary policy 3.6 Demand management—fiscal policy 3.7 Supply-side policies	Change Economic well-being Intervention Choice Interdependence	Thinking Communication Research Critical
	Year 12 Term 1	The global economy	4.1 Benefits of international trade (Detailed) 4.2 Types of trade protection (Refresher) 4.3 Arguments for and against trade control/protection 4.4 Economic integration 4.4 Exchange rates (refresher & evaluation) 4.6 Balance of payments	Efficiency Equity Economic well-being Interdependence Sustainability Intervention	Thinking Communication Research Reflective Critical
	Year 12 Term 2	Macroeconomics The global economy	3.4 Economics of inequality and poverty 4.7 Sustainable development 4.8 Measuring development 4.9 Barriers to economic growth and/or economic development 4.10 Economic growth and/or economic development strategies	Efficiency Equity Economic well-being Interdependence Sustainability Intervention	Thinking Communication Research Reflective Critical
	Year 12 Term 3	Revision program	Exam revision and preparation		
DPP Digital Society (incl. STEM Futures Elective: Living in a Digital Society)	Year 10 Term 1	Being a Data Scientist	Guided Inquiry: How might past events, patterns or trends help us to forecast future developments? Concepts: <ul style="list-style-type: none"> Systems: models, maps and visualisations can help us understand connections within and between systems Contexts: <ul style="list-style-type: none"> Environmental: predicting natural events and disasters Health: modelling for medical research and development Business: New age of marketing Content: <ul style="list-style-type: none"> Characteristics of big data: volume, variety, velocity, veracity Uses of big data and data analytics: predictive analysis, modelling, understanding past, current and future human behaviour 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
DPP Digital Society HL		AI in your mobile phone	<p>Suggested inquiry questions:</p> <ul style="list-style-type: none"> Does the AI in our mobile phone enhance our lives? What are unintended consequences of having AI in our mobile devices? <p>Concepts:</p> <ul style="list-style-type: none"> Changes within a system of interdependent connections may generate intended and unintended consequences Power is not evenly distributed <p>Contexts:</p> <ul style="list-style-type: none"> Uses of mobile phones in everyday lives such as maps & wayfinding, entertainment, social media and lifestyle apps <p>Content:</p> <ul style="list-style-type: none"> Smart/mobile devices: hardware, software, interfaces AI: Types and uses of machine learning: pattern recognition, facial and speech recognition, image analysis 		
	Year 10 Term 2	Cybersecurity	<p>Guided Inquiry: Why do cyber-attacks happen and what are the consequences?</p> <p>Concept:</p> <ul style="list-style-type: none"> Power: Investigate the role of cyber security in modern politics and power systems. How is power shifting due to cybersecurity? Values and ethics: Function of ethical hackers, cyber criminals and cyber-crime in digital society. Do hackers share values or ethical code? <p>Content:</p> <ul style="list-style-type: none"> Networks and the internet: How transfer of data packets across networks and the internet can be hacked? Algorithms: How does algorithm design impact on cybersecurity? Does data bias impact on the safety of systems? How do hackers exploit algorithms? Data: The way data is collected, stored and shared has an impact on data security. Explore the techniques of data encryption, data erasure and blockchain technology. Explore networking terminology <p>Contexts:</p> <ul style="list-style-type: none"> Economic: Look at recent case studies of cybercrimes and relationship to the negative/positive economic impacts. Political: The role of governments in cybersecurity, nation states involvement with cybercrime. 		
	Year 10 Term 3	Digital Expression: Our Social Media Lives	<p>Guided Inquiry: How can media influence our perceptions?</p> <p>Case Study: Our social media lives – The Ramos Family</p> <p>Concepts: Expression and Identity</p> <ul style="list-style-type: none"> The role of media for expressing identity How different aspects of an identity is expressed in different media <p>Content: Media:</p> <ul style="list-style-type: none"> Types of digital media Characteristics of digital media 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
		Introduction to robotics	<ul style="list-style-type: none"> Media authenticity, copyright, creative commons and ownership Addiction and psychological concerns of multimedia Context: Cultural: <ul style="list-style-type: none"> Art, entertainment and popular culture Home, leisure and tourism Hands-on exploration: The Autonomous Car Challenge <ul style="list-style-type: none"> Link to Year 7 robotics unit in MYP Design Exploring microbits, sensors and TinyBit robots 		
	Year 10 Term 4	On the road to driverless cars	Inquiry: Is the world ready for driverless Cars? Interventions: Autonomous vehicles used for commuting can reduce traffic deaths caused by human error, decrease travel time and increase worker productivity. Concept: Change: <ul style="list-style-type: none"> What is a technological revolution? How might past events, patterns or trends help us to forecast future developments? Content: Robots and Autonomous Technologies: <ul style="list-style-type: none"> Types of autonomous technologies Characteristics of autonomous technologies Evolution and dilemmas of autonomous technologies Context: Cultural: <ul style="list-style-type: none"> Business - Employment and labour Political - Laws, regulations and policies Hands-on guided inquiry: The Vet Clinic Content: <ul style="list-style-type: none"> Flat file vs relational databases Advantages of relational databases Terminology: field, record, table, data types Validation and verification Forms for user input Queries and reports 		
Digital Society HL	Year 11 Term 1	1 Introduction to Digital Society 2 Digital fundamentals 3a Our Digital Economy	1 What is digital society? 2 Introduction to Concepts 3 Content 3.1 Data 3.2 Algorithms 3.3 Computers 3.4 Networks and the internet (partial) 3.6 Artificial intelligence (partial) 4.2 Economic 4.2A Business 4.2B Employment and labour	Change Expression Identity Power Space Systems Values and ethics	Self-Management
	Year 11 Term 2	3b Our Digital Economy	4.2 Economic 4.2C Goods, services and currencies 4.2D Globalization	Change Expression Identity	Thinking

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
		4 Looking after our Environment 6 HL Sustainable Development	4.3 Environmental 4.3A Natural resources and ecosystems 4.3B Pollution and Waste 4.3D Agriculture 5 Introduction to HL Inquiry Interventions (The challenge and intervention framework) 5.3 Sustainable Development 5.3A Climate change and action 5.3B Responsible use of resources 5.3C Managing pollution and waste	Power Space Systems Values and ethics	
	Year 11 Term 3	8 Digital Culture 7 The Inquiry Project	3 Context 3.5 Media 4.1 Cultural 4.1A Arts, entertainment and popular culture 4.1B Home, leisure and tourism 4.1C Heritage, customs and celebrations 4.1D Subcultures 4.7 Social 4.7A Social components of identity 4.7B Social class 4.7C Families and relationships 5.2 Governance and human rights 5.2C Diversity and discrimination Introduction to the Inquiry Project	Change Expression Identity Power Space Systems Values and ethics	Research
	Year 11 Term 4	The Inquiry Project 10 Our autonomous world	Inquiry Project 3 Content 3.6 Artificial intelligence (revisited) 3.7 Robots and autonomous technologies 4.3 Environmental 4.3C Cities, infrastructures and built environments 5.1 Global well-being 5.1A Local and global inequalities 5.1B Changing populations	Change Expression Identity Power Space Systems Values and ethics	Thinking
	Year 12 Term 1	The Inquiry Project 12 Our Political World 13 Governance and Human Rights	Inquiry Project 4.6 Political 4.6A Political processes 4.6B Governing bodies 4.6C Conflicts and war 4.6D Laws, regulations and policies 5.3 Governance and human rights 5.2A Conflict, peace and security 5.2B Participation and representation	Change Expression Identity Power Space Systems Values and ethics	Thinking

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
		14 Digital Health	4.4 Health 4.4A Medicine and health 4.4B The human body 4.4C Mental health		
	Year 12 Term 2	15 Pre-release 16 Human Knowledge including the future of work	HL Pre-release 4.5 Human knowledge 4.5A Learning and education 4.5B Science and technology innovation 5.1 Global well-being 5.1C The future of work	Change Expression Identity Power Space Systems Values and ethics	Thinking
	Year 12 Term 3	Revision Program	Exam revision and preparation		
Information Technology in a Global Society HL	Year 11 Term 1	1. The ITGS Triangle 2. Introduction to the Project	Introduction to ITGS: review of social impacts and ethical considerations (Section 1) Getting started with the Project: 3.9 Project Management and 3.6 Multimedia		
	Year 11 Term 2	3. Software and Hardware Concepts 4. Databases in Action	3.2 Software & 3.1 Hardware Context focus on 2.4 Health (Assistive Technologies) and 2.2 Education (provision for special needs) 3.7 Databases in everyday life Context focus on 2.1 Business and employment Students working project (IA)		
	Year 11 Term 3	5. The Connected World	Students working project (IA) 3.4 The Internet 3.3 Networks 3.5 Personal and Public communications Social and Ethical consideration related to: 2.5 Home and leisure 2.6 Politics and government		
	Year 11 Term 4	5. The Connected World (continued) 6. Modelling and Simulations	Students working project (IA) 3.4 The Internet 3.3 Networks 3.5 Personal and Public communications Social and Ethical consideration related to: 2.5 Home and leisure 2.6 Politics and government 3.8 Spreadsheets, modelling and simulations Context focus on 2.3 Environment Context focus on 2.1 Business and employment		
	Year 12 Term 1	7. IT Systems in Organisations 8. Case Study	3.10 IT systems in organizations Focus on IT systems in Context: 2.1 Business and employment 2.6 Politics and government		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 2	9. Robotics, IA and Expert Systems 10. ITGS Themes at home and in education	Students continue to focus on Case Study 3.11 Robotics, artificial intelligence and expert systems Context focus on 2.4 Health (diagnostic and therapeutic tools, medical research) Context focus on 2.6 Politics and government (military, law and order) Applications to specific scenarios (Social & Ethical) 2.2 Education and training 2.5 Home and Leisure		
	Year 12 Term 3	11. ITGS Themes in the Environment and Health Revision Program	Students continue to focus on Case Study Applications to specific scenarios (Social impacts & Ethical considerations) 2.3 The Environment 2.4 Health Exam revision and preparation		
DPP Psychology (incl. STEM Futures Elective: Inside Your Head)	Year 10 Term 1	Attachment Personality	Attachment and Imprinting Explanations of attachment: Harlow's monkeys, Cupboard love theory, Bowlby Schaffer and Emerson's Stages of Attachment Types of attachment: Ainsworth's Strange Situation Disruptions of attachments Failure to form attachments and disruptions in attachment Effect of early attachment on later relationships Personality disorders Research into personality types Personality testing		
	Year 10 Term 2	Learning Intelligence	Behaviourism Social Learning Theory Animals and language Theories of intelligence Intelligence testing Issues in intelligence testing Neurodiversity		
DPP Psychology HL	Year 10 Term 3	Research Methods	Research Methods in Psychology through the lens of famous and controversial research. <ul style="list-style-type: none"> • Lab experiments • Field experiments • Quasi experiments • Natural experiments • Case studies • Observations • Interviews • Questionnaires and Surveys • Correlations 		
	Year 10 Term 4	Introduction to Debates	Introduction to Debates in Psychology <ul style="list-style-type: none"> • Free will versus Determinism • Nature versus Nurture • Reductionism versus Holism 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Nomothetic versus Idiographic Socially sensitive research Independent Inquiry Project exploring debates through the lens of Abnormal Psychology Situational versus Dispositional explanations of behaviour 		
Psychology HL	Year 11 Term 1	Core: Biological Approach	Biological Approach The brain and behaviour <ul style="list-style-type: none"> Techniques used to study the brain in relation to behaviour Localization Neuroplasticity Neurotransmitters and their effect on behaviour Hormones and behaviour <ul style="list-style-type: none"> Hormones and behaviour Pheromones and behaviour Genetics and behaviour <ul style="list-style-type: none"> Genetic similarities Evolutionary explanations 		
	Year 11 Term 2	Core: Biological Approach Core: Cognitive Approach	The role of animal research in understanding human behaviour & animal ethics Cognitive Approach Cognitive processing <ul style="list-style-type: none"> Models of memory Schema theory Thinking and decision-making Reliability of cognitive processes Reconstructive memory Emotion and cognition The influence of emotion on cognitive processes Biases in thinking and decision-making		
	Year 11 Term 3	Core: Cognitive Approach Core: Sociocultural Approach Research Methods	Cognitive processing in the digital world The individual and the group <ul style="list-style-type: none"> Social identity theory Social cognitive theory Stereotype Cultural origins of behaviour and cognition <ul style="list-style-type: none"> Culture and its influence on behaviour and cognition Cultural dimensions Cultural influences on individual attitudes, identity and behaviours <ul style="list-style-type: none"> Enculturation Acculturation The influence of globalization on individual attitudes, identities and behaviour Paper 3 Research Methods		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 11 Term 4	Simple Experimental Study (Draft IA)	Elements of researching behaviour <ul style="list-style-type: none"> • Sampling and Ethics • Analysing and presenting data • Evaluating research Reliability, validity, credibility and bias in research Drawing conclusions <ul style="list-style-type: none"> • Correlation and causation • Replication Transferability for qualitative research Triangulation		
	Year 12 Term 1	Option: The Psychology of human relationships	Bystanderism Pro social behaviour Promoting Pro Social behavior Research Methods Ethical considerations Co –operation and competition Prejudice and discrimination Origins of conflict and conflict resolution IA feedback IA due		
	Year 12 Term 2	Option: Abnormal Psychology	Factors influencing diagnosis <ul style="list-style-type: none"> • Normality versus abnormality • Classification systems • The role of clinical biases in diagnosis • Validity and reliability of diagnosis Etiology of abnormal psychology <ul style="list-style-type: none"> • Explanations for disorders (MDD) • Prevalence rates and disorders Treatment of disorders <ul style="list-style-type: none"> • Biological treatments • Psychological treatments • The role of culture in treatment • Assessing the effectiveness of treatment(s) Approaches to research Ethical considerations		
	Year 12 Term 3	Revision program	Exam revision and preparation		
Sciences					
DPP Biology (incl. STEM Futures Elective:	Year 10 Term 1	Cells and Genes in Research	Cells and Genes <ul style="list-style-type: none"> • DNA structure and replication • The genetic code - from DNA to proteins • Genes and patterns of inheritance 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
Medical Biotechnology)			<ul style="list-style-type: none"> Types and causes of gene mutations Cells in Research <ul style="list-style-type: none"> Enzyme restriction Polymerase chain reaction (PCR) Gel electrophoresis Gene therapies 		
	Year 10 Term 2	Cell Culture & Stem Cells, Immunity & Pandemics	Cell Culture and Stem Cells: <ul style="list-style-type: none"> Uses of stem cells Therapeutic cloning Ethical issues in medical biotechnology research Immunity and Pandemics: <ul style="list-style-type: none"> Pathogens and infectious disease Disease Vectors Immunity, antibodies and vaccinations Antibiotics and antibiotic resistance Bioinformatics and the use of databases Sterile techniques and bacterial handling Keeping safe in laboratory research 		
DPP Biology SL	Year 10 Term 3	Cell membranes, genetics and ecology	Cell membranes <ul style="list-style-type: none"> Structure and function of the plasma membrane Fluid mosaic model Passive and active transport across membranes. Genetics <ul style="list-style-type: none"> Overview of meiosis and the production of gametes Inheritance through monohybrid crosses including autosomal genes and codominance Analysis of pedigree charts. Ecology <ul style="list-style-type: none"> Abiotic and biotic factors in ecosystems Types of organisms based on modes of nutrition Transfer of energy in ecosystems Practical skills: quadrat sampling Nutrient sampling and the carbon cycle 		
	Year 10 Term 4	Evolution and human physiology	Evolution <ul style="list-style-type: none"> Evidence for evolution The theory of natural selection. Practical skills: evidence for human evolution. Speciation and cladistics. Human physiology <ul style="list-style-type: none"> Structure and function of the digestive system. Action of digestive enzymes. Structure and function of neurons and synapses Practical skills: rat dissection 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
DPP Biology HL	Year 10 Term 3	Cell membranes, genetics and ecology	SL content + Genetics - Inheritance through dihybrid crosses including, sex linked genes, and multiple alleles.		
	Year 10 Term 4	Evolution and human physiology	SL content + Evolution - Practical skills - analysis of gene sequences to produce phylogenetic trees Human physiology - Structure and function of the kidney Plant biology - Structure and function of xylem and phloem, Plant reproduction		
Biology SL	Year 11 Term 1	Cell biology	1.1 Introduction Mandatory Practical 1 1.2 Ultrastructure of cells 1.3 Membrane structure 1.4 Membrane transport Mandatory Practical 2 1.5 The origin of cells 1.6 Cell division		
	Year 11 Term 2	Molecular biology	2.1 Molecules to metabolism 2.2 Water 2.3 Carbohydrates and lipids 2.4 Proteins 2.5 Enzymes Mandatory Practical 3 2.6 Structure of DNA and RNA		
	Year 11 Term 3	Genetics and genetic modification	2.7 DNA replication, transcription and translation 2.8 Cell respiration 2.9 Photosynthesis Mandatory Practical 4 3.1 Genes 3.2 Chromosomes 3.3 Meiosis		
	Year 11 Term 4	Environmental systems	3.4 Inheritance 3.5 Genetic modification and biotechnology 4.1 Species, communities and ecosystems Mandatory Practical 5 4.2 Energy flow 4.3 Carbon cycling 4.4 Climate change Final Internal Assessment (Data Collection)		
	Year 12 Term 1	Evolution & biodiversity Human physiology and systems	5.1 Evidence for evolution 5.2 Natural selection 5.3 Classification of biodiversity 5.4 Cladistics 6.1 Digestion and absorption 6.2 The blood system 6.3 Defence against infectious diseases		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 2	Human physiology and systems Option A: Neurobiology and development	6.4 Gas exchange Mandatory practical 6 6.5 Neurons and synapses 6.6 Hormones, homeostasis and reproduction OPTION A A1 Neural development A2 The human Brain A3 Perception of stimuli		
	Year 12 Term 3	Revision program	Exam revision and preparation		
Biology HL	Year 11 Term 1	Cell and Molecular Biology	1.1 Introduction Mandatory Practical 1 1.2 Ultrastructure of cells 1.3 Membrane structure 1.4 Membrane transport Mandatory Practical 2 1.5 The origin of cells 1.6 Cell division 2.1 Molecules to metabolism 2.2 Water 2.3 Carbohydrates and lipids 2.4 Proteins		
	Year 11 Term 2	Molecular Biology and Genetics	2.5 Enzymes Mandatory Practical 3 2.6 Structure of DNA and RNA 2.7 DNA replication, transcription and translation 7.1 DNA structure and replication 7.2 Transcription and Gene expression 7.3 Translation 2.8 Cell respiration 2.9 Photosynthesis Mandatory Practical 4 3.1 Genes 3.2 Chromosomes		
	Year 11 Term 3	Genetics and Ecology	3.3 Meiosis 10.1 Meiosis 3.4 Inheritance 10.2 Inheritance 3.5 Genetic modification and biotechnology 4.1 Species, communities and ecosystems Mandatory Practical 5 4.2 Energy flow 4.3 Carbon cycling 4.4 Climate change		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 11 Term 4	Evolution and Biodiversity, Individual Investigation	5.1 Evidence for evolution 5.2 Natural selection 10.3 Gene Pools and Speciation 5.3 Classification of biodiversity 5.4 Cladistics Final IA (Practical work)		
	Year 12 Term 1	Plant Biology and Human Physiology	9.1 Transport in the xylem of plants Mandatory Practical 7 9.2 Transport in the phloem of plants 9.3 Growth in plants 9.4 Reproduction in plants 6.1 Digestion and absorption 6.2 The blood system 6.3 Defence against infectious diseases 11.1 Antibody production and vaccination 6.4 Gas exchange		
	Year 12 Term 2	Human and Animal Physiology, Cell Metabolism and Photosynthesis Option A: Neurobiology and Behaviour	6.5 Neurons and synapses 6.6 Hormones, homeostasis and reproduction Mandatory Practical 6 11.4 Sexual reproduction 11.2 Movement 11.3 The kidney and osmoregulation 8.1 Metabolism 8.2 Cell respiration 8.3 Photosynthesis A1 Neural development A2 The human Brain		
	Year 12 Term 3	Option A: Neurobiology and Behaviour Revision program	A3 Perception of stimuli A4 Innate and learnt behaviour A5 Neuropharmacology A6 Ethology Exam revision and preparation		
DPP Chemistry (incl. STEM Futures Elective: Future Materials)	Year 10 Term 1	Metals and Alloys	<ul style="list-style-type: none"> • Inquiry – research an application of a specific metal • Atomic structure • Periodicity - atomic and ionic radii, first ionisation energy • Electron arrangement • Metallic bonding and structure • Crystalline structures • Properties of metals • Examples of alloys and their properties 		
	Year 10 Term 2	Biomaterials	<ul style="list-style-type: none"> • Periodicity and atomic structure review – effective nuclear charge and electronegativity • Simple covalent molecules - bonding, structure • Simple geometry and VSEPR theory • Bond and molecular polarity 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Intermolecular forces Properties of simple covalent molecules Giant covalent structures - carbon allotropes Polymers – linking structure and evaluating properties Natural and synthetic polymers Biomaterials and biopolymers Research an innovation in biomaterials 		
DPP Chemistry SL	Year 10 Term 3	Stoichiometry	<ul style="list-style-type: none"> Ionic and covalent bonding and naming review Balancing chemical equations Introducing the mole concept Stoichiometry - mass-mass, solution concentration calculations Limiting and excess reagent Calculating molar mass and solution concentration Manipulative skills – making a standard solution, using a colorimeter, using a spectrophotometer Data analysis skills – using Capstone, graphing in Excel Introduction to error propagation 		
	Year 10 Term 4	Reactions	<ul style="list-style-type: none"> Ionic and covalent bonding and naming review Balancing chemical equations Introducing the mole concept Stoichiometry - mass-mass, solution concentration calculations Limiting and excess reagent Calculating molar mass and solution concentration Manipulative skills – making a standard solution, using a colorimeter, using a spectrophotometer Data analysis skills – using Capstone, graphing in Excel Introduction to error propagation 		
DPP Chemistry HL	Year 10 Term 3	Stoichiometry	SL content + <ul style="list-style-type: none"> Gas laws and gas stoichiometry Empirical and molecular formula 		
	Year 10 Term 4	Reactions	SL content + <ul style="list-style-type: none"> Equilibrium Introduction to reaction kinetics 		
Chemistry SL	Year 11 Term 1	Stoichiometric Relationships Atomic Structure Periodicity	1.1 Introduction to the particulate nature of matter and chemical change 1.2 The mole concept 1.3 Reacting masses and volumes Compulsory pracs: Empirical formulas from mass change, Molar mass of a gas from ideal gas equation, Titration. 2.1 The nuclear atom 2.2 Electron configuration 3.1 Periodic Table 3.2 Periodic trends		
	Year 11 Term 2	Measurement and Data Processing	11.1 Uncertainties and errors in measurement and results 11.2 Graphical techniques		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
		Chemical bonding and structure Group 4 Project Planning	4.1 Ionic bonding and structure 4.2 Covalent bonding 4.3 Covalent structures 4.4 Intermolecular forces 4.5 Metallic bonding		
	Year 11 Term 3	Energetics /Thermochemistry Group 4 Project Workshops Chemical kinetics	5.1 Measuring energy changes 5.2 Hess's Law 5.3 Bond enthalpies Compulsory prac: Calorimetry experiment 6.1 Collision theory and rates of reaction Compulsory prac: Investigation of rates of reaction		
	Year 11 Term 4	Equilibrium Acids and Bases	7.1 Equilibrium 8.1 Theories of acids and bases 8.2 Properties of acids and bases 8.3 The pH scale 8.4 Strong and weak acids and bases 8.5 Acid deposition Compulsory prac: Acid-base titration with different indicators, Titration and standard solutions, Use of pH meter and universal indicator		
	Year 12 Term 1	Individual Investigation Redox processes	Individual experimentation and write-up of Chemistry IA project 9.1 Oxidation and reduction 9.2 Electrochemical cells Compulsory prac: Experiments using a typical voltaic cell, Single replacement reactions in aqueous solutions		
	Year 12 Term 2	Organic Chemistry Measurement and analysis Option B: Biochemistry	10.1 Fundamentals of organic chemistry 10.2 Functional group chemistry Compulsory prac: Construction of 3D models of organic molecules, Organic chemistry reaction pathway pracs 11.3 Spectroscopic identification of organic compounds B1. Introduction to biochemistry B2. Proteins and enzymes B3. Lipids B4. Carbohydrates B5. Vitamins B6. Biochemistry and the environment		
	Year 12 Term 3	Revision program	Exam revision and preparation		
Chemistry HL	Year 11 Term 1	Stoichiometric Relationships Atomic Structure Periodicity Transition Metals	1.1 Introduction to the particulate nature of matter and chemical change 1.2 The mole concept 1.3 Reacting masses and volumes Compulsory pracs: Empirical formulas from mass change, Molar mass of a gas from ideal gas equation, Titration. 2.1 The nuclear atom 2.2 Electron configuration 12.1 Electrons in atoms		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			3.1 Periodic Table 3.2 Periodic trends 13.1 First-row d-block elements		
	Year 11 Term 2	Measurement and Data Processing Chemical bonding and structure Group 4 Project Planning	11.1 Uncertainties and errors in measurement and results 11.2 Graphical techniques 4.1 Ionic bonding and structure 4.2 Covalent bonding 4.3 Covalent structures 4.4 Intermolecular forces 4.5 Metallic bonding 14.1 Further aspects of covalent bonding and structure		
	Year 11 Term 3	Energetics /Thermochemistry Group 4 Project Workshops Chemical kinetics	5.1 Measuring energy changes 5.2 Hess's Law 5.3 Bond enthalpies 15.1 Energy cycles 15.2 Entropy and spontaneity Compulsory prac: Calorimetry experiment 1.1 Collision theory and rates of reaction 16.1 Rate expression and reaction mechanism Compulsory prac: Investigation of rates of reaction		
	Year 11 Term 4	Equilibrium Acids and Bases	1.1 Equilibrium 17.1 The equilibrium law 8.1 Theories of acids and bases 8.2 Properties of acids and bases 8.3 The pH scale 8.5 Strong and weak acids and bases 18.1 Acid deposition 18.2 Lewis acids and bases 18.2 Calculations involving acids and bases 18.3 pH curves Compulsory prac: Acid-base titration with different indicators, Titration and standard solutions, Use of pH meter and universal indicator		
	Year 12 Term 1	Individual Investigation Redox processes	Individual experimentation and write-up of Chemistry IA project 9.1 Oxidation and reduction 9.2 & 19.1 Electrochemical cells Compulsory prac: Experiments using a typical voltaic cell, Single replacement reactions in aqueous solutions		
	Year 12 Term 2	Organic Chemistry Measurement and analysis Option B: Biochemistry	10.1 Fundamentals of organic chemistry 10.2 Functional group chemistry Compulsory prac: Construction of 3D models of organic molecules, Organic chemistry reaction pathway pracs 20.1 Types of organic reactions 20.2 Synthetic routes 20.3 Stereoisomerism 11.3 & 21.1 Spectroscopic identification of organic compounds		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			B1. Introduction to biochemistry B2. Proteins and enzymes B3. Lipids B4. Carbohydrates B5. Vitamins B6. Biochemistry and the environment		
	Year 12 Term 3	Option B: Biochemistry Revision program	B7. Proteins and enzymes B8. Nucleic Acids B9. Biological Pigments B10. Stereochemistry in Biomolecules Exam revision and preparation		
DPP Computer Science (incl. STEM Futures Elective: Computational Thinking)	Year 10 Term 1	What is a Computer Scientist? Algorithmic Thinking	<ul style="list-style-type: none"> • Introduction to Computer Science • Investigation into the value and purpose of a Computer Scientist • Introduction to Computational Thinking 		
	Year 10 Term 2	Algorithmic Thinking Database Design	<ul style="list-style-type: none"> • Introduction to Algorithms • Algorithm Design Unplugged • Algorithms in Practice • Algorithms in Practice • Algorithms using Arduino • Algorithms using JavaScript (Digital design of Algorithms) • Introduction to Databases • Introduction to SQL • Data Types • Queries/Forms/Reports 		
DPP Computer Science HL	Year 10 Term 3	Introduction to Programming in Java	<ul style="list-style-type: none"> • Introduction to IDEs • Primitive Data types and Objects • Boolean Expressions • Branching Statements • Strings • Looping Statements • Methods 		
	Year 10 Term 4	Introduction to Programming in Java Case Study	<ul style="list-style-type: none"> • Recursion (Extension) • Class and Objects (Extension) • File IO (Extension) • Graphical User Interfaces (Extension) <p>The case study will focus on a current topic that is relevant and in the news. Students will study the computer science of IT system and discuss the challenges of implementing the system in the context provided.</p>		
Computer Science HL	Year 11 Term 1	System design I	1.1 Systems in organizations 1.2 System design basics 4.1 General principles		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Case Study Intro. to IA & its criteria		
	Year 11 Term 2	System design II	1.2 System design basics D.2 Features of OOP 4.1 General principles 4.2 Connecting computational thinking and program design 2.1 Computer organization Criterion A – Planning Criterion B – Solution overview		
	Year 11 Term 3	Program development and Networking I	D.3 Program development 4.2 Connecting computational thinking and program design 4.3 Introduction to programming 3.1 Network fundamentals Criterion C – Development Criterion E – Evaluation Practice IA Work		
	Year 11 Term 4	Program development and Networking II	3.1 Network fundamentals 4.2 Connecting computational thinking and program design 4.3 Introduction to programming D.4 Advanced program development Case Study IA Topic Selection – Proposals Criterion A – Planning Criterion B – Solution overview		
	Year 12 Term 1	Abstract data structures	5.1 Abstract data structures D.4 Advanced program development Case Study Criterion C – Development		
	Year 12 Term 2	Abstract data structures II	5.1 Abstract data structures D.3 Program development Case Study Criterion D – Functionality and extensibility of product Criterion E – Evaluation		
	Year 12 Term 3	Resource management and control Revision program	6.1 Resource management 7.1 Control Case Study Exam revision and preparation		
DPP Environmental Systems & Societies (incl. STEM Futures Elective: Blue Planet)	Year 10 Term 1	Life Under Water	UN SDG #14 – Conserve and sustainably use the oceans, seas and marine resources for sustainable development Ocean as a system <ul style="list-style-type: none"> Types of systems – open, closed, isolated Transfer and transformations Feedback systems Aquatic Environments <ul style="list-style-type: none"> Freshwater - lakes, rivers, creeks 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> • Brackish - mangroves, rivers • Salt - oceans, lakes Marine ecosystems <ul style="list-style-type: none"> • Intertidal – rocky shore, coastal • Ocean zones – pelagic, benthic abyssal • Abiotic factors – light, depth, turbidity, oxygen, temperature, water flow, pH Marine biodiversity <ul style="list-style-type: none"> • Measuring biodiversity – Simpson's diversity index • Species interactions – ecological succession Impacts on Marine Environment <ul style="list-style-type: none"> • Invasive Species – Crown of Thorns case study • Weather Events – ocean currents, Australia's ENSO cycle 		
	Year 10 Term 2	Human Impact	Marine fieldwork <ul style="list-style-type: none"> • Excursion – Moreton Bay Environmental Education Centre; ocean data collection (on the Inspiration) Marine Conservation – Assessing the Impact <ul style="list-style-type: none"> • Environmental legislation - Environment Protection and Biodiversity Conservation Act, RAMSAR • Marine Parks Human Impacts to Marine systems <ul style="list-style-type: none"> • Pollution • Urbanisation • Fishing • Toursim • Future of our oceans Case study – Toondah Harbour Case study – Impact of the Olympic Games 2032 <ul style="list-style-type: none"> • Sailing 		
DPP Environmental Systems & Societies SL	Year 10 Term 3	Our diverse Earth	Earth's spheres Biosphere Speciation <ul style="list-style-type: none"> • Introduction to evolution – evidence for evolution • Geological timescale • Biological species concept • Natural selection • Artificial selection • Macroevolution – divergent evolution, convergent evolution, parallel evolution • Isolating mechanisms - genetic drift, bottleneck effect, founder effect • Modes of speciation - allopatric speciation, sympatric speciation • Microevolution – insecticide resistance case study • Genetic diversity – species survival or extinction • Extinction – extinction events, future extinctions 		
	Year 10 Term 4	Earth's resources	Hydrosphere Water as a resource		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Dams Water reservoirs Water treatment stations Water quality testing Geosphere Soil as a resource <ul style="list-style-type: none"> Soil cycling Soil properties Soil for food production Land availability Farming practices Atmosphere Climate change <ul style="list-style-type: none"> Biogeochemical cycles Carbon sequestering Atmospheric composition Global warming 		
ESS SL	Year 11 Term 1	Foundations of ESS	1.1 Environmental Value Systems (EVS) 1.2 Systems and Models 1.3 Energy and equilibria 1.4 Sustainability 1.5 Human's and pollution	EVS Equilibrium Sustainability Biodiversity	Thinking
		Living world	2.1 Species and populations 2.2 Communities and ecosystems		
	Year 11 Term 2	Investigating the Natural world	2.3 Flows of energy and matter 2.4 Biomes, zonation and succession 2.5 Investigating ecosystems 4.1 Introduction to water systems 4.2 Access to fresh water 4.4 Water pollution 1.3	EVS Equilibrium Sustainability Biodiversity Strategy	Thinking
	Year 11 Term 3	Biodiversity and conservation	Practice Internal Assessment 3.1 An introduction to biodiversity 3.2 Origins of biodiversity 3.3 Threats to biodiversity 3.4 Conservation of biodiversity	EVS Equilibrium Sustainability Biodiversity Strategy	Research Communication
	Year 11 Term 4	Food production systems	4.3 Aquatic food production systems 5.1 Introduction to soil systems 5.2 Terrestrial food production systems and food choices 5.3 Soil degradation and conservation	EVS Equilibrium Sustainability Strategy	Thinking
	Year 12 Term 1	Anthropocene	Internal Assessment (Data collection and draft) 8.1 Human population dynamics 8.2 Resource use in society	EVS Equilibrium Sustainability Strategy	Research Communication

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			8.3 Solid domestic waste 6.1 Introduction to the atmosphere 7.2 Climate change – causes and impacts 6.2 Stratospheric ozone		
	Year 12 Term 2	Atmosphere and Climate Change	Internal Assessment (Final submission) 6.3 Photochemical smog 6.4 Acid deposition 7.1 Energy choices and security 7.3 Climate change – mitigation and adaptations 8.4 Human population and carrying capacity	EVS Equilibrium Sustainability Biodiversity Strategy	Thinking Self-Management
	Year 12 Term 3	Revision program	Exam revision and preparation		
DPP Physics (incl. STEM Futures Elective: Journey to Earth X)	Year 10 Term 1	Leaving Earth Travelling in Interstellar Space	<ul style="list-style-type: none"> • Mechanics of accelerated motion • Forces acting on a body • Energy transformation • Evidence for the Big Bang • Cosmology and fate of the Universe • Stellar Evolution and nuclear reactions • Observational technology and measurements 		
	Year 10 Term 2	Landing on Exoplanet Proxima b	<ul style="list-style-type: none"> • Terminal velocity • Momentum and impulse • suvat equations and kinematics 		
DPP Physics SL	Year 10 Term 3	Physics Tool Box	<ul style="list-style-type: none"> • Working with equations and right triangles. • SI units and metric prefixes. • Significant figures and scientific notation. • Errors and uncertainty, accuracy and precision. • Tables and graphs, linearising data. • Vector quantities - Horizontal and vertical components of vectors. • Mathematical skills including: • Working with equations • Problem solving strategies • Rearranging eg suvat and data booklet equations • Graphing • Spreadsheet skills • Model reading a variety of texts and summarising key points for development of Experimental Investigation background writing. • Practical investigations: <ul style="list-style-type: none"> ○ Hooke's Law ○ Using callipers micrometres ○ Density measurements – volume displaced and with callipers ○ Hooke's Law ○ Period of a Pendulum ○ Period of spring 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> ○ Air tracks and momentum ○ Electrostatics ○ Loudness and decibel scale 		
	Year 10 Term 4	Electricity	<ul style="list-style-type: none"> ● Electrostatics and electric charge ● Electrostatics. Types of charge. Nature of electric charge. ● Conductors, insulators and field lines ● Conductors and insulators. Charging by contact and induction. Electric fields and field lines. ● Interaction between electric charges and electric fields. ● Electric current, DC circuits and resistance. ● Direct current in series and parallel circuits. ● Investigating series and parallel circuits. ● Kirchhoff's Laws conceptually using bulbs. ● Resistance, resistivity and Ohm's Law. ● Building simple circuits. ● Calculating total resistance for series and parallel resistor combinations. ● Magnetic fields around current carrying conductors. 		
DPP Physics HL	Year 10 Term 3	Physics Tool Box	SL content + <ul style="list-style-type: none"> ● More maths details ● More maths practice for fluency ● Mathematical deviation of equations ● Geometrical proof ● Problems with unfamiliar contexts 		
	Year 10 Term 4	Electricity	SL content + <ul style="list-style-type: none"> ● Harder electrostatic vector question in 2D ● Proving Kirchhoff's laws mathematically ● Deriving the total resistance formulae ● Harder circuit questions ● Complex problems and unfamiliar contexts 		
Physics SL	Year 11 Term 1	Topic 1: Measurements and uncertainties Topic 2: Mechanics	1.1 – Measurements in physics 1.2 – Uncertainties and errors 1.3 – Vectors and scalars 2.1 – Motion 2.2 – Forces 2.3 – Work, energy, and power 2.4 – Momentum and impulse		
	Year 11 Term 2	Topic 3: Thermal Physics Topic 4: Waves Group 4 Project Planning	3.1 – Thermal concepts 3.2 – Modelling a gas 4.1 – Oscillations 4.2 – Travelling waves 4.3 – Wave characteristics 4.4 – Wave behaviour 4.5 – Standing waves		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 11 Term 3	Topic 5: Electricity and Magnetism Topic 6: Circular Motion and Gravitation Group 4 Project Workshops	5.1 – Electric fields 5.2 – Heating effect of electric currents 5.3 – Electric cells 5.4 – Magnetic effects of electric currents 6.1 – Circular motion 6.2 – Newton's law of gravitation		
	Year 11 Term 4	Internal Assessment Topic 7: Atomic, nuclear and particle physics	Experimenting, analysis and communication 7.1 – Discrete energy and radioactivity		
	Year 12 Term 1	Topic 7: Atomic, nuclear and particle physics Topic 8: Energy production	7.2 – Nuclear reactions 7.3 – The structure of matter 8.1 – Energy sources 8.2 – Thermal energy transfer		
	Year 12 Term 2	Option D Astrophysics	Option D: Astrophysics		
	Year 12 Term 3	Revision program	Exam revision and preparation		
Physics HL	Year 11 Term 1	Topic 1: Measurements and uncertainties Topic 2: Mechanics Topic 3: Thermal Physics Topic 4: Waves	1.1 – Measurements in physics 1.2 – Uncertainties and errors 1.3 – Vectors and scalars 2.1 – Motion 2.2 – Forces 2.3 – Work, energy, and power 2.4 – Momentum and impulse 3.1 – Thermal concepts 3.2 – Modelling a gas 4.1 – Oscillations		
	Year 11 Term 2	Topic 4: Waves Topic 5: Electricity and Magnetism Topic 6: Circular Motion and Gravitation Group 4 Project Planning	4.2 – Travelling waves 4.3 – Wave characteristics 4.4 – Wave behaviour 4.5 – Standing waves 5.1 – Electric fields 5.2 – Heating effect of electric currents 5.3 – Electric cells 5.4 – Magnetic effects of electric currents 6.1 – Circular motion 6.2 – Newton's law of gravitation		
	Year 11 Term 3	Topic 7: Atomic, nuclear and particle physics Topic 8: Energy production Topic 9: Wave phenomena Group 4 Project Workshops	7.1 – Discrete energy and radioactivity 7.2 – Nuclear reactions 7.3 – The structure of matter 8.1 – Energy sources 8.2 – Thermal energy transfer 9.1 - Simple harmonic motion 9.2 - Single-slit diffraction 9.3 - Interference		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			9.4 - Resolution 9.5 - Doppler effect		
	Year 11 Term 4	Topic 10: Fields Topic 11: Electromagnetic induction Internal Assessment	10.1 - Describing fields 10.2 - Fields at work Experimenting, analysis and communication		
	Year 12 Term 1	Topic 11: Electromagnetic induction Topic 12: Quantum and nuclear physics	11.1 - Electromagnetic induction 11.2 - Power generation and transmission 11.3 – Capacitance 12.1 - The interaction of matter with radiation		
	Year 12 Term 2	Option D Astrophysics	12.2 - Nuclear physics Option D: Astrophysics		
	Year 12 Term 3	Revision program	Exam revision and preparation		
DPP Sport Exercise and Health Science (incl. STEM Futures Elective: Peak Performance)	Year 10 Term 1	Body and Movement	Sport Psychology <ul style="list-style-type: none"> Talent identification and developing Individual difference and motivation (personality in sports) Mental preparation for sport (inverted U/arousal and sport anxiety) Psychological skills training Exercise Physiology <ul style="list-style-type: none"> Functional anatomy – muscle, bone and joint identification Respiratory and cardiovascular systems Fuel for energy Energy Systems Fundamentals of Biomechanics <ul style="list-style-type: none"> Force and motion Newtons laws Projectile motion Biomechanical analysis 		
	Year 10 Term 2	Measuring Performance	New Technologies in Sport Exercise and Health <ul style="list-style-type: none"> UQ visit – Full day Measurement and Evaluation of Human Performance <ul style="list-style-type: none"> Components of fitness and principles/training thresholds Field testing, data gathering, interpreting graphs Statistical analysis Clinical skills 		
DPP Sport Exercise and Health Science HL	Year 10 Term 3	Skill	Classification <ul style="list-style-type: none"> Characteristics of skills Practical examples Principles of skill learning <ul style="list-style-type: none"> Learning and performance Learning curves Information processing <ul style="list-style-type: none"> Models 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> • Memory • Feedback Motor programs		
	Year 10 Term 4	Performance	Nervous System <ul style="list-style-type: none"> • Central and Peripheral • Motor units • Autonomic and somatic Neuromuscular Function <ul style="list-style-type: none"> • Sliding filament • Muscle fibres Fatigue <ul style="list-style-type: none"> • Central peripheral • Recovery • Case studies 		
Sport Exercise and Health Science HL	Year 11 Term 1	Anatomy and exercise physiology	Topic 1 Anatomy The skeletal system The muscular system Topic 2 Exercise Physiology Ventilatory system Cardiovascular system Topic 7 Further Anatomy The skin system Structure and function of the brain Topic 8 The endocrine system Practical work		
	Year 11 Term 2	Energy and movement analysis	Topic 3 Energy systems Nutrition Carbohydrate and fat metabolism Nutrition and energy systems Topic 4.3 Movement analysis Fundamentals of biomechanics Topic 10 Friction and Drag Practical work		
	Year 11 Term 3	Fitness and performance	Topic 6 Measurement and evaluation of human performance Statistical analysis Study design Components of fitness Principles of training programme design Topic 11 Skill acquisition and analysis Pedagogy for skill acquisition Notation and analysis Group 4 Project Practical Work Practice 1A		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 11 Term 4	Skill acquisition and analysis Movement	Practical Work Topic 5 Skill in sports Characteristics and classification of skill Information processing Principles of skill learning Topic 4.1 and 4.2 Neuromuscular function Joint and movement type		
	Year 12 Term 1	IA and Sports psychology	IA Planning Option B: Sports Psychology Topic 12 Genetics and athletic performance Practical work		
	Year 12 Term 2	Immunity, performance and Option C Physical activity and health	Topic 13 Exercise and immunity Option C: Physical activity and health Topic 9 Fatigue IA and Practical Work		
	Year 12 Term 3	Revision program	Exam revision and preparation		
Mathematics					
DPP Mathematics	Year 10 Term 1	Making Informed Decisions	Matrices <ul style="list-style-type: none"> • Adding and subtracting • Multiplying • Applications Linear Modelling <ul style="list-style-type: none"> • Simultaneous equations- graphical solutions, substitution and elimination • Coordinate geometry through Voroni diagrams- Linear Equations, Gradient, Parallel and perpendicular lines, Perpendicular bisectors • Linear Inequalities Triangle Trigonometry <ul style="list-style-type: none"> • The Trigonometric Ratios – finding lengths and angles • Angles of Elevation and Depression • Bearings and other Problem solving • Area of triangle • Sine and Cosine Rules Algebra: Expansion and Factorisation <ul style="list-style-type: none"> • Expanding brackets • Binomial expansion • Factorising using common factors • Factorising Quadratics Surds <ul style="list-style-type: none"> • Simplifying • Operations with surds • Rationalising the Denominator 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 10 Term 2	Shaping the Future	Algebraic Fractions <ul style="list-style-type: none"> Evaluate and simplify algebraic fractions Operations with algebraic fractions Solving equations with algebraic fractions Measurement <ul style="list-style-type: none"> Review length, perimeter, Area Surface Area – all prisms and pyramids Volume – all prisms and pyramids Capacity Applications Statistics <ul style="list-style-type: none"> Discrete vs continuous Describing distributions Measures of Centre Cumulative Frequency Curves Box Plots Standard deviation Graph Theory <ul style="list-style-type: none"> Edges, vertices, drawing a graph from a table Quadratics Equations <ul style="list-style-type: none"> Solving quadratic equations by factorising Quadratic Formula Advanced Trigonometry <ul style="list-style-type: none"> Trigonometry with obtuse angles The Unit Circle Exact angles The Pythagorean Identity 		
DPP Mathematics Applications and Interpretations SL	Year 10 Term 3	Introduction to Applications and Interpretations I	Sequence and Series <ul style="list-style-type: none"> Arithmetic sequences and series Geometric sequences and series Financial Mathematics (ACMNA231) <ul style="list-style-type: none"> Simple interest Compound interest: formula and applications Comparing interest rates Depreciation Functions and Relations <ul style="list-style-type: none"> Definition of a function and a relation Function notation Domain and range Interval notation Composite Functions (GDC only) 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Intersection of graphs <p>Exponents and logarithms</p> <ul style="list-style-type: none"> Index laws, including rational indices Scientific notation Exponential functions Graphs of exponential functions Growth and decay Logarithms and introduction to logarithm laws <p>Modelling (Quadratic Focus)</p> <ul style="list-style-type: none"> Identifying non-linear graphs and their equations Sketching graphs Transformations Using graphing software Using simultaneous equations/regressions to fit polynomials to data 		
	Year 10 Term 4	Introduction to Applications and Interpretations II	<p>Periodic Functions</p> <ul style="list-style-type: none"> Sketching Solving using GDC Trigonometric graphs (no $y=\tan x$ and no horizontal shift included) <p>Statistics</p> <ul style="list-style-type: none"> Scatter Plots correlation Pearson's Product Moment Correlation Line of best fit Linear Regression Statistics in the media Standard deviation <p>Probability</p> <ul style="list-style-type: none"> Set notation Venn diagrams and sample space Probability Expected number Mutually exclusive events Tree diagrams Conditional statements Dependent and independent events 		
DPP Mathematics Applications and Interpretations HL	Year 10 Term 3	Introduction to Applications and Interpretations I	<p>SL content + Geometry</p> <ul style="list-style-type: none"> Proofs <p>Matrices</p> <ul style="list-style-type: none"> Determinant Solving simultaneous equations 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Non-Linear Graphs <ul style="list-style-type: none"> Exponential laws (include rational exponents) Standard form Exponential functions and their graphs Solving exponential equations Exponential growth and decay Logarithms – laws and solving exponential equations Polynomials <ul style="list-style-type: none"> Operations with polynomials Zeros, roots and factors Polynomial inequality Polynomial long division Remainder and factor theorems Graphing polynomials Using simultaneous equations to fit polynomial functions to data. 		
	Year 10 Term 4	Introduction to Applications and Interpretations II	SL content + Periodic Functions <ul style="list-style-type: none"> Radians Unit circle Exact angles Trigonometric functions and graphs Trigonometric equations Networking <ul style="list-style-type: none"> Constructing graphs Graph theory Adjacency matrices Transition matrices Minimum spanning trees 		
DPP Mathematics Analysis and Approaches SL	Year 10 Term 3	Introduction to Analysis and Approaches I	Sequence and Series <ul style="list-style-type: none"> Arithmetic sequences and series Geometric sequences and series Financial Mathematics (ACMNA231) <ul style="list-style-type: none"> Simple interest Compound interest Depreciation Functions and Relations <ul style="list-style-type: none"> Functions and relations Function notation Domain and range Interval notation Composite Functions Inverse functions 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> • Intersections of graphs <p>Exponents and logarithms</p> <ul style="list-style-type: none"> • Index laws, including rational indices • Logarithms and logarithm laws <p>Polynomial Functions</p> <ul style="list-style-type: none"> • Equations and transformations of $y = ax^n$ • Transformations • Sketching polynomials (GDC only) • Using simultaneous equations to fit polynomial functions to data. • 		
	Year 10 Term 4	Introduction to Analysis and Approaches II	<p>Periodic Functions</p> <ul style="list-style-type: none"> • Radian and exact values • Unit circle • Periodic graphs • Solving using GDC • Trigonometric graphs • transformations <p>Statistics</p> <ul style="list-style-type: none"> • Scatter Plots • Time related data • Line of best fit • Statistics in the media • Standard deviation <p>Probability</p> <ul style="list-style-type: none"> • Set notation • Venn diagrams and sample space • Expected number • Mutually exclusive events • Tree diagrams • Conditional statements • Dependent and independent events 		
DPP Mathematics Analysis and Approaches HL	Year 10 Term 3	Introduction to Analysis and Approaches I	<p>SL content + Set Notation</p> <ul style="list-style-type: none"> • Notation • Subset and compliment • Union and Intersection • Venn Diagrams <p>Polynomials</p> <ul style="list-style-type: none"> • Operations with polynomials • Remainder and factor theorems 		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			<ul style="list-style-type: none"> Graphs of cubic and quartic polynomials 		
	Year 10 Term 4	Introduction to Analysis and Approaches II	SL content + Counting <ul style="list-style-type: none"> Permutations Combinations Discrete Probability Distributions <ul style="list-style-type: none"> Definition Expected value 		
Mathematics Applications and Interpretations SL	Year 11 Term 1	Representing Data and Modelling Relationships	1.1, 1.6 Number and Algebra 2.1, 2.5 Coordinate Geometry 3.1 – 3.5 Geometry and Trigonometry 4.1 – 4.3 Statistics	Validity Patterns Representation Relationships Space	Communication Self-Management Thinking
	Year 11 Term 2	Representing Space and Math Models	1.8 Solving equations with technology 2.2 – 2.6 Functions 4.4 Statistics	Relationships Change Quantity Modelling	Communication Self-Management Thinking
	Year 11 Term 3	Modelling Relationships and Irregular Areas	1.5 Exponents and logarithms 2.3 – 2.6 Functions 5.1 – 5.5, 5.8 Differentiation	Approximation Modelling Change Space	Communication Self-Management Thinking
	Year 11 Term 4	Modelling Rates of Change and Validity	4.10, 4.11 Hypothesis Testing 5.6 – 5.7 Calculus	Space Validity	Communication Self-Management Thinking
	Year 12 Term 1	Representing Situations using Mathematics	1.2 – 1.4 Sequences 1.7 Number and Finance 3.5, 3.6 Geometry	Modelling Generalisation Approximation Space	Communication Self-Management Thinking
	Year 12 Term 2	Quantifying Uncertainty and Validity	4.5, 4.6 Probability 4.7 – 4.9 Probability distributions 4.11 Hypothesis Testing	Modelling Quantities	Communication Self-Management Thinking
	Year 12 Term 3	Revision program	Exam revision and preparation		
Mathematics Applications and Interpretations HL	Year 11 Term 1	Interpreting Mathematics for Models	SL 1.6 Number SL 1.1, SL 1.5 Exponents and logarithms SL 3.2 – 3.4, AHL 3.7, AHL 3.8 Geometry and Trigonometry SL 3.1, SL 3.5 Geometry SL 4.1 – 4.3, AHL 4.13 Statistics SL 2.2 – 2.4, AHL 2.7 Functions SL 1.8, SL 2.5, SL 2.6 Mathematical Models SL 4.4 Statistics	Approximation Modelling Space	Communication Self-Management Thinking
	Year 11 Term 2	Applications of Mathematical Models	SL 1.2, SL 1.3, AHL 1.11 Sequences SL 1.4, SL 1.7 Financial mathematics AHL 3.10 – 3.13 Vectors AHL 2.8 Transformations	Change Modelling Quantity	Communication Self-Management Thinking

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			SL 1.8, SL 2.5, SL 2.6, AHL 2.9, AHL 2.10 Mathematical models AHL 3.8 Trigonometry SL 5.1 - 5.4, 5.6, 5.7 Calculus		
	Year 11 Term 3	Representing Systems	SL 3.5 – 3.6 Geometry SL 4.7, SL 4.8 Probability distributions SL 4.10, SL 4.11, AHL 4.12, AHL 4.18 Hypothesis Testing AHL 1.14 Matrices AHL 5.9, AHL 5.10, AHL 5.13 Calculus	Representation Systems Validity	Communication Self-Management Thinking
	Year 11 Term 4	Quantifying Uncertainty	AHL 1.12, AHL 1.13 Complex Numbers SL 4.8 Probability distributions SL 4.11, AHL 4.14 – 4.16, AHL 4.18 Hypothesis testing SL 5.5, SL 5.8, AHL 5.11 - 5.13 Integration	Equivalence Patterns Relationships	Communication Self-Management Thinking
	Year 12 Term 1	Representing Space	AHL 3.14 - 3.16 Graph theory AHL 4.17 Probability distributions AHL 4.12, AHL 4.18 Hypothesis testing AHL 3.9 Geometry	Change Space Validity	Communication Self-Management Thinking
	Year 12 Term 2	Representing Multiple Outcomes	AHL 4.14, AHL 4.15, AHL 4.17 Probability distributions AHL 1.15, AHL 4.19 Matrices AHL 5.13 – 5.18 Applications of Calculus AHL 3.12, AHL 3.13 Vectors	Generalisation Representation Space	Communication Self-Management Thinking
	Year 12 Term 3	Revision program	Exam revision and preparation		
Mathematics Analysis and Approaches SL	Year 11 Term 1	Number and Algebra	1.1,1.5 Number and Logarithms 1.2 – 1.4, 1.8 Sequence and Series 1.7 Number and Finance 1.9 Binomial Theorem 1.6 Number and Algebra	Representation Modelling Generalisation Validity	Communication Self-Management Thinking
	Year 11 Term 2	Functions	2.2-2.4 Functions 2.1, 3.1 Geometry 2.4 – 2.7 Functions and Quadratics	Relationships Space	Communication Self-Management Thinking
	Year 11 Term 3	Geometry and Trigonometry Functions II	3.2 – 3.5 Trigonometry 2.10 Equations and Graphing 2.8, 2.9, 2.11 Functions	Relationships Space Representation Modelling	Communication Self-Management Thinking
	Year 11 Term 4	Probability and Statistics Differentiation	1.1 – 4.4 Statistics 4.5, 4.6 Probability 5.1 – 5.4 Differentiation	Representation Validity Approximation Patterns Quantity	Communication Self-Management Thinking
	Year 12 Term 1	Trigonometry II Differentiation II Probability Distributions	3.6 – 3.8 Pythagorean Identity and Graphing 5.6 – 5.8 Calculus 4.7, 4.8 Probability distributions	Equivalence Representation Relationships Modelling	Communication Self-Management Thinking

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
	Year 12 Term 2	Integration Statistics II	5.5, 5.9 – 5.11 Integration 4.10 – 4.12 Statistics	Validity Change Representation Modelling	Communication Self-Management Thinking
	Year 12 Term 3	Revision program	Exam revision and preparation		
Mathematics Analysis and Approaches HL	Year 11 Term 1	From patterns to generalisations Relationships in Space	SL 1.1-1.7 Exponents and Logarithms SL 1.2 – 1.4, 1.8 Sequences and Series SL 1.9, HL 1.10 Counting Principles and Binomial Expansion SL 1.9, HL1.15* Proof SL 2.1, 3.1-3.3 Geometry and Trigonometry HL 3.12 – 3.13 Vectors I	Representation Modelling Generalisation Validity Relationships	Communication Self-Management Thinking
	Year 11 Term 2	Representing Relationships Analysing Data and Quantifying Randomness	SL 2.2-2.5, HL 2.15-2.16* Functions I SL 2.6-2.7 Quadratics SL 3.4-3.5 Trigonometry I SL 2.10, HL 1.11, 1.16 Equations and Algebra HL 2.12 Polynomials HL 1.12 - 1.14* Complex Numbers I	Representation Modelling Quantity System, Validity Approximation Patterns	Communication Self-Management Thinking
	Year 11 Term 3	Relationships in Space II Exploring randomness Measuring Change	SL 2.8-2.9, 2.11 Functions II SL 3.6-3.8, HL 3.10 Trigonometry II SL 4.5-4.6, 4.11, HL 4.13 Probability SL 5.1-5.8 Differentiation	Space Equivalence Representation Modelling Change, Quantity	Communication Self-Management Thinking
	Year 11 Term 4	Expanding the number system Measuring Change II Modelling Randomness Modelling 3D Space	SL 5.5, 5.9 – 5.11 Integration SL 4.7 – 4.12, HL 4.14 Probability and Statistics	Patterns Representation Space, Validity Approximation Modelling	Communication Self-Management Thinking
	Year 12 Term 1	Equivalent Systems of representation Relationship in Space III Modelling Change	HL 1.14* Complex Numbers II HL 2.13 - 2.14, 2.16 Functions III HL 5.12 – 5.15* Further Calculus	Representation Approximation Change Modelling	Communication Self-Management Thinking
	Year 12 Term 2	Modelling Space and Change	HL 3.14 – 3.18 Vectors II HL 5.15* - 5.17 Further Calculus II HL 1.15* Proof Revisited HL 5.18 – 5.19 Series and Differential Equations SL SL 4.1-4.4, 4.10 Statistics I	Space, Modelling Relationships Validity, Change Approximation	Communication Self-Management Thinking
	Year 12 Term 3	Revision program	Exam revision and preparation		
Arts					
DPP Visual Arts (incl. STEM Futures Elective:	Year 10 Term 1	Experimental Drawing	Evaluate and Analyse Artworks Identify influences from other artists Manipulate skills, techniques and processes to make artworks Develop a reflective practice		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
Unpacking the World Around Us)			Use a visual arts journal Construct a Process Portfolio Implement art vocabulary and formal qualities in making and evaluating artworks Develop skills to devise and create artworks		
	Year 10 Term 2	Mixed Media	Evaluate and Analyse to compare and contrast Artworks from different cultures and times Identify influences from other artists to impact their own artmaking Manipulate skills, techniques and processes to make artworks Develop a reflective artmaking practice to review and refine artworks Use a visual arts journal to document practice Construct a Process Portfolio collating the artmaking process Develop art vocabulary and formal qualities in making and evaluating artworks Develop skills to devise and create artworks		
DPP Visual Arts HL	Year 10 Term 3	Sculpture	Analyse and compare different artworks by different artists through critical comparative analysis. Evidence their experimentation, exploration, manipulation and refinement of a variety of visual arts activities in a Process portfolio Resolved artwork that show evidence of their technical accomplishment with an understanding of the use of materials, ideas and practices appropriate to visual communication.		
	Year 10 Term 4	Art Video	Analyse and compare different artworks by different artists through critical comparative analysis. Evidence their experimentation, exploration, manipulation and refinement of a variety of visual arts activities in a Process portfolio Resolved artwork that show evidence of their technical accomplishment with an understanding of the use of materials, ideas and practices appropriate to visual communication.		
Visual Arts HL	Year 11 Term 1	Ecologies (three dimensional and time based)	A: Inspiration boards Ideate, experiment, process and reflection. Link ideas to the work of others. B: Introduction to CS: What is context and cultural significance? Graphic organisers for analysis and comparison.		
	Year 11 Term 2	Ecologies	C: Resolving one artwork and working towards extension. Digital skills: photo shoot and photo shop. D: Comparing artworks. Graphic organisers for formal qualities.		
	Year 11 Term 3	Independent Practice 1 (choice of media)	E: Students focus on establishing a concept/ investigation for their final body of work. F: Student selection of artworks for CS relating to BOW. Review graphic organisers. Complete CS context for three artworks Begin first work of art		
	Year 11 Term 4	Independent Practice 2	G: Review of formal qualities. Graphic organisers for comparison. Connecting own artwork to work of others. H: Three artworks in three weeks. Students continue process in visual diary.		
	Year 12 Term 1	Independent Practice 3	I: Final review of CS. J: Digital structure of Process Portfolio and selection and organisation of slides.		

Subject & Level	Year level & Term	Topic	Knowledge and Skills	Concepts	ATL Skills
			Two more artworks completed		
	Year 12 Term 2	Independent Practice 4	K: Selection and presentation of 8 artworks. Planning and curating exhibition. L: Review of PP. Two more artworks completed		
	Year 12 Term 3	Independent Practice 5	M: Review of CR structure, N: Selection of artworks, artist's statements, documentation and uploading.		
Theory of Knowledge					
Theory of Knowledge	Year 11 Term 1	Knowledge and the knower – (Core) Area of Knowledge – Mathematics	Knowledge questions from the TOK guide to consider: <ul style="list-style-type: none"> • Scope • Perspectives • Methods and tools • Ethics 	Evidence Certainty Truth Interpretation Power Justification Explanation Objectivity Perspective Culture Values Responsibility	Thinking Communication
	Year 11 Term 2	Area of Knowledge – The Arts Knowledge and language – (Option 1)			
	Year 11 Term 3	Knowledge and technology – (Option 2) Area of Knowledge – Natural Sciences			
	Year 11 Term 4	Internal Assessment – Exhibition Area of Knowledge – Human Sciences			
	Year 12 Term 1	Area of Knowledge – History Essay preparation External Assessment	Knowledge questions as above. Students are required to plan an essay based on a previous prescribed title. Students are required to plan an essay in response to one of six prescribed titles that are issued by the IB for each examination session.		
	Year 12 Term 2	External Assessment – Essay	Students are required to write an essay in response to one of six prescribed titles that are issued by the IB for each examination session.		
	Year 12 Term 3	Revision Program			

Curriculum Map – Horizontal Alignment

Subject	Term 1	Term 2	Term 3	Term 4
	Year 7			
Year 7 English Language and Literature	Topic: Who are you? – biographical texts Key & Related Concepts: Communication Audience Imperatives Purpose Global Context: Identities and relationships SOI: Identity is formed and expressed through communication and connection to our lives.	Topic: Wonder – novel study Key & Related Concepts: Form Context Setting Character Global Context: Orientation in Time and Space SOI: Perspectives are shaped by context in time and space.	Topic: Conventions of Picture Books Key & Related Concepts: Creativity Genre Structure Global Context: Personal and cultural expression SOI: Culture is expressed through creative storytelling.	Topic: International voices – poetry study Key & Related Concepts: Connections Point of View Style Global Context: Fairness and Development SOI: Connection to other points of view leads to a fairer world.
Year 7 Language Acquisition – French	Topic: Enchante Key & Related Concepts: Communication Audience Message Global Context: Identities and Relationships SOI: The message communicated to an audience creates relationships and shape identities.	Topic: School Life Key & Related Concepts: Connections, Structure, Context Global Context: Identities and relationships SOI: Context and structures makes and build connections, relationships and form identities.	Topic: Friends Key & Related Concepts: Connections Conventions Purpose Global Context: Personal and Cultural Expressions SOI: Purpose through personal and cultural expression facilitates creativity through conventions.	Topic: Leisure Key & Related Concepts: Creativity Conventions Purpose Global Context: Personal and Cultural Expressions SOI: Personal and Cultural expression reflect pronunciation and language form.
Year 7 Language Acquisition – German	Topic: Getting to Know Each Other Key & Related Concepts: Communication Context Structure Global Context: Orientation in Space and Time SOI: Interconnectedness depends on clearly communicating through structure and context.	Topic: School life and Pets Key & Related Concepts: Connections Form Audience Global Context: Identities and Relationships SOI: Connections enhance human relationships and audience engagement.	Topic: Hobbies and Family Life Key & Related Concepts: Connections Message Structure Global Context: Personal and cultural expression SOI: Purpose and message can be expressed creatively.	Topic: Home and Food Key & Related Concepts: Culture Conventions Function Global Context: Orientation in Space and Time SOI: Social history reflects the conventions and functions of language and culture.
Year 7 Language Acquisition – Japanese	Topic: Getting to know you Key & Related Concepts: Communication Audience Message Global Context: Identities & Relationships SOI: Identity, beliefs and values influence communication for various messages and audiences.	Topic: School Key & Related Concepts: Connections Word choice Structure Global Context: Personal & Cultural Expression SOI: Language, word choice and linguistic systems help make connections with people, objects or ideas.	Topic: Daily Routines Key & Related Concepts: Connection Functions Patterns Global Context: Orientation in Time & Space SOI: Finding patterns and recognising functions makes it easier to make connections with one another.	Topic: Sports and leisure Key & Related Concepts: Creativity Meaning Message Global Context: Personal & Cultural Expression SOI: Meaningful messages requires an understanding of culture.
Year 7 Language Acquisition – Latin	Topic: Life in Pompeii Key & Related Concepts: Culture-communities Civilization Identity Global Context: Identities and relationships	Topic: Society and culture in Pompeii Key & Related Concepts: Culture Identity Values Global Context: Orientation in space and time	Topic: Roman lifestyle Key & Related Concepts: Communication Pattern Values Civilization Global Context: Identities and relationships	Topic: Roman civics and history Key & Related Concepts: Culture Form Purpose Values Global Context: Fairness and development

Subject	Term 1	Term 2	Term 3	Term 4
	SOI: Pompeii had a specific layout, lifestyle and culture during the first century CE.	SOI: The forum and the theatre were the focus of life in Pompeii and slaves were part of the society.	SOI: The Romans had certain beliefs about representing life after death, gladiators and hygiene.	SOI: Educational regulations, civic laws and natural disasters have influenced the life of Roman people.
Year 7 Individuals and Societies	Topic: The Constitution and I Key & Related Concepts: Systems Government Citizenship Global Context: Personal and cultural expression (belief systems) SOI: Inherent values, attitudes and beliefs shape systems of government.	Topic: Big-up Brisbane Key & Related Concepts: Change Sustainability Culture Global Context: Globalisation and sustainability (Urban planning) SOI: Changes must be sustainable and reflect culture.	Topic: The Game of Life Key & Related Concepts: Time, Place and Space; Choice Consumption Global Context: Identities and Relationships (Scarcity) SOI: Scarcity experienced across time, place and space affects choice and consumption.	Topic: Stayin' Alive Key & Related Concepts: Global Interactions, Culture, Identity Global Context: Orientation in space and time (Exchange and Interaction) SOI: Exchange through global interactions shape culture and identity.
Year 7 Sciences	Topic: We're all Scientists & Life around us Key & Related Concepts: Relationships Evidence Models Relationships Environment Interactions Global Context: Identity and Relationships Fairness and Development SOI: To be a scientist means to gather evidence about world around us to understand how things are related. Understanding interactions in the environment enables humans to develop global and local solutions.	Topic: Resourcing the Planet & Blast off into space (IDU: Science and Maths) Key & Related Concepts: Systems Models Patterns Logic Evidence Interaction Global Context: Globalisation and Sustainability SOI: Orientation in time and space SOI: Natural and human systems create patterns. Modelling global systems. Relationships between planetary objects can be derived from the observation and interpretation of data.	Topic: Forces around us Key & Related Concepts: Change, Consequences, Interactions Global Context: Scientific and Technical Innovation SOI: Interactions between forces result in changes that can be measured through scientific innovation.	Topic: Is there enough water fit for drinking: Water? Key & Related Concepts: Global Interactions Transformations Consequences Global Context: Globalisation and Sustainability SOI: Finding solutions for the impact of pollution on our natural systems is a global responsibility.
Year 7 Mathematics	Topic: Is fairness always equal? Key & Related Concepts: Form Equivalence Systems Global Context: Fairness and Development SOI: Making fair judgments is easier if we understand a variety of numeric systems and forms.	Topic: How can we bring things together? Key & Related Concepts: Patterns, Simplification. Global Context: Identities and Relationships SOI: Identifying and using patterns and rules is the key to simplifying relationships, in life and in algebra. Topic: Interdisciplinary Unit Key & Related Concepts: Representation. Model Global Context: Orientation in space and time SOI: Relationships between planetary objects can be derived from the observation and interpretation of data.	Topic: How do we travel between dimensions? Key & Related Concepts: Logic, Measurement, Generalisation Global Context: Scientific and Technical Innovation SOI: The general properties of shapes and our spatial environment can be measured by logic and manipulated and created by technology.	Topic: How do we measure up? Key & Related Concepts: Form, Space, Measurement Global Context: Orientation in Space and Time SOI: Measurement is expressed in various forms to communicate the space around or within an object. Topic: What's Next? Key & Related Concepts: Logic, Generalisation, Quantity Global Context: Scientific and Technical Innovation (products) SOI: Mathematical logic helps us to find general rules in quantities and relationships and to make exciting and innovative discoveries.

Subject	Term 1	Term 2	Term 3	Term 4
Year 7 Design	Topic: How can we use mobile apps to improve our lives? Key & Related Concepts: Development Adaptation Function Global Context: Personal and cultural expression SOI: In the development of products, functionality is crucial for stakeholders.	Topic: Robots and Microbits Key & Related Concepts: Systems Resource Function Global Context: Globalisation and Sustainability SOI: Feedback allows a system to function anonymously.		
Year 7 Physical & Health Education	Topic: I'm a team player! Key & Related Concepts: Communication Systems Functions Global Context: Fairness and development SOI: For systems to function, communication and inclusion is necessary to value differences.	Topic: Faster, higher, stronger! Key & Related Concepts: Change Choice Perspective Global Context: Scientific and technical innovation SOI: Using scientific innovation offers perspective and leads to choices for purposeful change.	Topic: Games and culture Key & Related Concepts: Relationships Movement and Interaction Global Context: Personal and cultural expressions SOI: Ritual and play are integral to the development of relationships and can be expressed through movement and interactions.	Topic: Move it and groove it! Key & Related Concepts: Development Refinement and movement Global Context: Orientation in space and time SOI: Refinement of movement orientated in space in time can lead to development.
Year 7 Arts: Visual Arts	Topic: Improbable Beasts Key & Related Concepts: Culture Visual culture Representation Global Context: Personal and cultural expression SOI: As culture evolves, so does the way we represent the world around us.	Topic: Fantastic Fables Key & Related Concepts: Culture Visual culture Representation Global Context: Personal and cultural expression SOI: As culture evolves, so does the way we represent the world around us.		
Year 7 Arts: Music	Topic: Bold & the Beautiful: Introduction to Music Concepts Key & Related Concepts: Communication Play Presentation Global Context: Personal and cultural expression SOI: Arts are used as a means of cultural communication to express ideas, feelings, and emotions and is open to personal interpretation.	Topic: Showstoppers: The Musical Key & Related Concepts: Creativity Composition Audience Global Context: Identities and relationships SOI: The arts are a form of self-expression, is key to identify and is a global unifier.		
Year 7 Positive Education Program	Topic: New Beginnings – Building Strong Relationships; Outstanding Citizens – The SMT Way Knowledge & Skills: Positive Relationships 3. Leadership & teamwork 4. Kindness & Connections Positive Purpose 3. Core Values Positive Emotions 1. Emotional Intelligence 2. Self-Control	Topic: Strengths as Superpowers – Taking a Strengths Based Approach; A Healthy You – Establishing healthy habits leading to success Knowledge & Skills: Positive Purpose 2. Character Development Positive Health 2. Self-Knowledge Positive Health 3. Physical Wellbeing Positive Accomplishment	Topic: Bullseye! – Setting a goal and hitting the mark; Mindfulness Knowledge & Skills: Positive Accomplishment 2. Goal Orientation 3. Mindsets Positive Health 1. Mind-Body Connection Goal setting, SMART goals, PLPs, fixed vs growth mindset, neurogenesis, strategies for achieving goals	Topic: Powering Up Positivity Peak Performance – Reach for the Top Knowledge & Skills: Positive Emotions 3. Positivity 4. Gratitude Positive Relationships 2. Forgiveness Positive Engagement 4. Motivation Emotions and moods, positive psychology, flourishing, languishing,

Subject	Term 1	Term 2	Term 3	Term 4
	<p>Friendships, Active Constructive Responding (ACR), group work, online relationships, listening and negotiation Values – self and SMT, emotions, self-regulation strategies</p>	<p>4. Grit & Persistence Character strengths, VARK learning preferences, self-awareness, building relationships Learning organisation, time management, balance and self-care, healthy habits, delayed gratification, procrastination, using the school diary and assessment calendar, chunking, weekly study timetable</p>	<p>Mindfulness, flourishing, self-care, multi-taking research, negative or critical thinking, ATC</p>	<p>negativity bias, positive emotions and strategies to cultivate, forgiveness model Intrinsic and extrinsic motivation, stages of change model, strategies to cultivate intrinsic motivation, identity and areas for improvement</p>
Year 8				
Year 8 English Language and Literature	<p>Topic: Observational Documentary – film study Key & Related Concepts: Connections Audience Imperatives Setting Theme Global Context: Personal and Cultural Expression SOI: Audiences connect with the expression of human experience.</p>	<p>Topic: Many Voices, Many Perspectives – novel study Key & Related Concepts: Perspective Context Character Global Context: Identities and Relationships SOI: The characters context shape identities and relationships.</p>	<p>Topic: Imagining the Future – genre short story Key & Related Concepts: Creativity Genre Structure Global Context: Scientific and technical innovation SOI: Scientific and technical innovation is created though structure and style in speculative fiction.</p>	<p>Topic: Selling sustainability – persuasion Key & Related Concepts: Persuasion Intertextuality Purpose Global Context: Globalisation and Sustainability; Orientation in Time and Space SOI: Persuasive texts are future orientated.</p>
Year 8 Language Acquisition – French	<p>Topic: Communication via technology Key & Related Concepts: Connections Word choice Patterns Accent Global Context: Globalisation and sustainability SOI: The purpose of technology and communication connects to overall well-being and to the identities formed within those activities.</p>	<p>Topic: Life changes Key & Related Concepts: Communication Audience Conventions Function Global Context: Personal and cultural expression SOI: A structured, purposeful lifestyle will help us manage our time effectively and achieve a meaningful balance at school and home.</p>	<p>Topic: Media Key & Related Concepts: Culture Purpose Form Context Global Context: Identities and relationships SOI: The true work of balance is to create a meaningful life for ourselves and others.</p>	<p>Topic: Future outlook Key & Related Concepts: Creativity Structure Message Global Context: Fairness and development SOI: Visions and dreams can become a reality and the potential future.</p>
Year 8 Language Acquisition – German	<p>Topic: Leisure and Health Key & Related Concepts: Connections Word Choice Meaning Global Context: Personal and Cultural Expression SOI: Word choice connects meaning to personal and cultural values</p>	<p>Topic: Balanced Life Key & Related Concepts: Creativity Structure and Purpose Global Context: Orientation in Space and Time SOI: Purpose informs structure and creativity within boundaries</p>	<p>Topic: Holidays and Plans Key & Related Concepts: Connections Meaning and Purpose Global Context: Identities and Relationships SOI: Meaning and purpose reflect identity and culture</p>	<p>Topic: Media and Friends Key & Related Concepts: Accent Message Communication Global Context: Scientific and Technical Innovation SOI: Adaption of language communicates cultural messages</p>
Year 8 Language Acquisition – Japanese	<p>Topic: Family life and pets Key & Related Concepts: Connection Context Conventions Global Context: Identities and relationships SOI: Language conventions and context needs consideration to make connections when communicating.</p>	<p>Topic: Entertainments: Let's have fun! Key & Related Concepts: Creativity Purpose Audience Global Context: Personal and cultural expression SOI: Consideration of audience determines our creative, personal and cultural expression.</p>	<p>Topic: Festivals and celebrations Key & Related Concepts: Culture Message Pronunciation Global Context: Orientation in Space and Time SOI: Cultural understanding with authentic pronunciation determines the successfulness of message exchange and interaction.</p>	<p>Topic: Japanese traditions and culture Key & Related Concepts: Connections, Culture, Meaning, Purpose Global Context: Personal and cultural expression SOI: Personal and cultural expression connects and gives us meaning and purpose in life.</p>

Subject	Term 1	Term 2	Term 3	Term 4
Year 8 Language Acquisition – Latin	Topic: Britain during the first century CE Key & Related Concepts: Creativity-communities Civilisation Identity Context Global Context: Scientific and technical innovation SOI: Britannia had its own highly developed civilisation before the Roman arrived.	Topic: The expansion of the Roman Empire Key & Related Concepts: Connections-change Context Purpose Inter-dependence Global Context: Identities and relationships SOI: Egypt was an important country for the Rome Empire.	Topic: Egypt during the first century CE Key & Related Concepts: Creativity-communities Values Civilisation Structure Global Context: Scientific and technical innovation SOI: Egyptians worshipped gods and cats and they had an ancient custom of mummifying corpses.	Topic: Roman baths and other superstitious beliefs Key & Related Concepts: Creativity – perspective Values Identify Theme Global Context: Scientific and technical innovation SOI: Romans believed that hot springs are beneficial for a healthy body and curses helped to punish an offender.
Year 8 Individuals and Societies	Topic: Making Australia Key & Related Concepts: Change Cooperation Conflict Global Context: Identities and Relationships (Turning Points) SOI: Cooperation and conflict trigger turnings points which lead to change.	Topic: Legal Eagles Key & Related Concepts: Systems Government Rights Global Context: Fairness and development SOI: Government systems impact rights through the law.	Topic: The Next Big Thing Key & Related Concepts: Change Choice Sustainability Global Context: Scientific and Technical Innovation (Human impact on the environment) SOI: Choice and sustainability drive change through human impact on the environment.	Topic: Australia in 2050 Key & Related Concepts: Global Interactions Patterns and trends Management and intervention Global Context: Globalisation and sustainability (population and demography) SOI: Patterns and trends affect global interactions when planning for the future.
Year 8 Sciences	Topic: Body in Balance Key & Related Concepts: Systems Function Models Global Context: Identities and Relationships SOI: Complex organisms are made of smaller structures and systems, that scientists' model in order to understand their functions.	Topic: Ch-ch-ch-changes Key & Related Concepts: Change Form Interactions Global Context: Scientific and technical innovations SOI: Science enables us to change the form of matter into useful materials that can make the world a better place.	Topic: From the Earth Key & Related Concepts: Change Models Transformations Global Context: Orientation in space and time SOI: The Earth is made of rocks, which over time undergo a cycle of change and transformation, which can be modelled scientifically.	Topic: Future of Energy Key & Related Concepts: Relationships Energy Transformation Global Context: Scientific and Technical Innovat SOI: Through transforming energy, we can have an impact on the way people live now and, in the future.
Year 8 Mathematics	Topic: A Little Bit of History Repeating Key & Related Concepts: Form Equivalence Representation Global Context: Orientation in Space and Time SOI: Throughout history, forms of representation have been used to justify equivalence.	Topic: Money, Money, Money! Key & Related Concepts: Relationships Model Quantity Global Context: Globalisation and Sustainability SOI: Behaviour can be understood by and investigating modelling relationships.	Topic: You Better Shape Up Key & Related Concepts: Relationships Generalisation Patterns Space Validity Global Context: Scientific and Technical Innovation SOI: Relationships between spatial dimensions can be used to develop innovative products.	Topic: Take a Chance on Me Key & Related Concepts: Form Representation Equivalence Models Global Context: Identities and Relationships SOI: Health and wellbeing information can be communicated using a variety of equivalent forms of representation.
Year 8 Design	Topic: What is your online persona? Key & Related Concepts: Development Form Perspective Global Context: Identities and Relationships SOI: Our design choices can influence how others perceive out online identity.	Topic: How does a computer think? Key & Related Concepts: Development Adaption Function Global Context: Scientific and Technical Innovation SOI: Through understanding a potential solution, algorithmic thinking can use common ideas to solve complex problems.		

Subject	Term 1	Term 2	Term 3	Term 4
Year 8 Physical and Health Education	Topic: Food for sport Key & Related Concepts: Development Choice Energy Global Context: Personal and cultural expressions SOI: Personal and cultural expression influences choices about energy and impacts development.	Topic: Use it or lose it Key & Related Concepts: Change Systems Adaptation Global Context: Scientific and technical innovation SOI: Scientific and technical innovation guides adaptation of systems which fosters change.	Topic: Party Wisely Key & Related Concepts: Relationships Choice Perspective Global Context: Identities and relationships SOI: Choice and perspective influence identity and relationships.	Topic: Vital Signs First Aid, So You Think You Can Dance Key & Related Concepts: Development Function Interaction Global Context: Orientation in space and time SOI: Interactions affect functions in space and time.
Year 8 Arts: Visual Arts	Topic: The Young Archies: Investigating and planning Key & Related Concepts: Identity Expression Narrative Global Context: Identities and relationships SOI: Identity is expressed through creative narratives.	Topic: STEAM Influences Key & Related Concepts: Development and Representation Global Context: Scientific and technical innovation SOI: Developments in scientific and technical innovations are represented using media conventions.		
Year 8 Arts: Music	Topic: Beatbox: Rock/Pop/Jazz Key & Related Concepts: Creativity Development Play Genre Global Context: Orientation in space and time SOI: Arts is viewed as a means to enable creativity to explore genre over time.	Topic: Reimaginings: Classical Key & Related Concepts: Identity Composition and Genre Global Context: Identities and relationships SOI: Arts is used as a means to offer perspectives and connections that explore genre through scientific and technological innovation.		
Year 8 Positive Education Program	Topic: Outstanding Citizens – Becoming an IB Learner in both the physical and virtual world Stepping It Up! – Becoming a Leader Knowledge & Skills: Positive Purpose 3. Core Values Positive Relationships 4. Kindness & Connections Positive Relationships 3. Leadership & Teamwork IB philosophy and mission statement, IB learner attributes, social media, contributing to SMT in a positive way, Student Code of Conduct Leadership and characteristics of leaders, SMT leadership process, contributing to positive teams, communication. collaboration, cooperative and inclusive behaviours	Topic: Sustainable Futures Walking in Other Peoples Shoes Knowledge & Skills: Positive Engagement 1. Creativity 2. Curiosity & Interest Positive Relationships 1. Empathy & Compassion Positive Accomplishment 1. Decision Making An inquiry-based unit – the class decides upon an environment issue presented by the Sustainable Futures Working Group that they can supported within the school High quality connections, relationships and wellbeing, neuroscience, empathy and empathetic listening, compassion, volunteering, perspectives, decision making	Topic: The Meaningful Life – Purpose and Challenge Knowledge & Skills: Positive Purpose 1. Caregiving 4. Sense of Meaning Positive Engagement 1. Creativity 2. Curiosity & Interest Belonging and serving, four pillars of meaning, eudaimonia, hedonia, altruism, positivity circle, working in a team, serving the community	Topic: Failing Well – Dealing with disappointment and managing challenge; In the Zone Knowledge & Skills: Positive Health 4. Resilience Positive Emotions 2. Self-Control Positive Engagement 3. Flow Positive Accomplishment 4. Grit & Persistence Self-image, strengths-based approach, broaden and build theory, resilience, overcoming adversity, emotional regulation strategies, delayed gratification, support networks, self-talk habits, perfectionism Flow, stages of engagement, flow and well-being, flow and peak performance,

Subject	Term 1	Term 2	Term 3	Term 4
				achieving a state of flow, balance and self-regulation, dealing with stress
Year 9				
Year 9 English Language and Literature	Topic: Australian Voices – poetry Key & Related Concepts: Connections Structure Setting Self-expression Global Context: Orientation in Time and Space SOI: Australian voices express connections to people and places.	Topic: Novel Study – Life of Pi Key & Related Concepts: Creativity Character Style Global Context: Identities and relationships SOI: Creativity is an adventure in identity.	Topic: A study of rhetoric – persuasion Key & Related Concepts: Communication Audience Imperatives Point of view Global Context: Fairness and Development; Globalisation and Sustainability SOI: Communication for change appeals to audience point of view.	Topic: Midsummer Night's Dream – play Key & Related Concepts: Representation Context Theme Global Context: Personal and cultural expression SOI: Cultural contexts influence representation.
Year 9 Language Acquisition – French	Topic: Friends and family Key & Related Concepts: Culture Context Structure Purpose Global Context: Identities and relationships SOI: Friends from different cultures will affect your belief, culture and way of living.	Topic: Environment Key & Related Concepts: Connections Empathy Point of view Meaning Global Context: Globalisation and sustainability SOI: Through our behaviour and actions we can make a difference to the world.	Topic: Leisure and work Key & Related Concepts: Communication Audience Conventions Message Global Context: Identities and relationships SOI: Leisure time, work and social activities connect people together, help get familiar with each other and improve interpersonal relationships between each other.	Topic: Cultural celebrations Key & Related Concepts: Creativity Idiom Word choice Function Global Context: Orientation in space and time SOI: The way we celebrate has changed and is always in a state of flux.
Year 9 Language Acquisition – German	Topic: Everyday German Key & Related Concepts: Communication, Audience, Context Global Context: Identities and Relationships SOI: Context communicates ideas of identity to an audience.	Topic: Festivals and Fun Key & Related Concepts: Creativity, Word Choice, Structure Global Context: Identities and Relationships SOI: Word choice and structure reflect creative lifestyles.	Topic: Living in Germany Key & Related Concepts: Culture Conventions Function Global Context: Personal and Cultural Expression SOI: The function and purpose of conventions reflect cultural expression.	Topic: Environment Key & Related Concepts: Connections Empathy Point of View Global Context: Globalisation and Sustainability SOI: Empathy creates connections with others and different points of view.
Year 9 Language Acquisition – Japanese	Topic: Physical wellbeing Key & Related Concepts: Communication Empathy Structure Global Context: Orientation in space and time SOI: Effective communication is reliant on empathy and structure.	Topic: Holidays Key & Related Concepts: Connections Meaning Purpose Global Context: Identities and Relationships SOI: The purpose of leisure activities and their meaning are connected to one's identity.	Topic: Japanese stories (folktales) Key & Related Concepts: Creativity Idiom Audience Global Context: Scientific and technical innovation SOI: Advances in technologies allow creative expressions, stories and idioms to reach wider audiences.	Topic: Exchange students Key & Related Concepts: Culture Point of view Context Global Context: Fairness and development SOI: Interactions in various cultural contexts can develop a fair point of view.
Year 9 Language Acquisition – Latin	Topic: Religion and Romanisation Key & Related Concepts: Creativity - change Identity Inter-dependence Global Context: Identities and relationships SOI: Romanisation changed the life for many people in the way people believed, travelled, and battled.	Topic: Historical artefacts Key & Related Concepts: Culture – Form Purpose Structure Global Context: Scientific and technical innovation SOI: The Romans military achievements were underpinned by a well-structured and equipped Army.	Topic: Rome and its people Key & Related Concepts: Connections Context Values Global Context: Identities and relationships SOI: Thanks to skilled citizens Rome achieved greatness.	Topic: Roman society and beliefs Key & Related Concepts: Values Communication Civilisation Perspective Global Context: Identities and relationships SOI: The Roman society had a distinct hierarchy and many Romans were content with the official state religion.

Subject	Term 1	Term 2	Term 3	Term 4
Year 9 Individuals and Societies STEM Futures Elective: Forensic Psychology	Unit 1 Topic: Turning to Crime Key & Related Concepts: Change Behaviour Cognition Global Context: Identities and relationships SOI: Behaviour and cognition influence change in human nature.	Unit 2 Topic: Making a Case and Reaching a Verdict Key & Related Concepts: Systems Equity Rights Global Context: Fairness and Development SOI: Systems affect equity, rights and justice.		
Year 9 Individuals and Societies STEM Futures Elective: Cultural Revolution	Unit 1 Topic: Not so British Key & Related Concepts: Change Identity Culture Global Context: Orientation in space and time SOI: Turning points trigger changes in identity and culture.	Unit 2 Topic: A Rock'n'roll Lifestyle Key & Related Concepts: Time, place and space Culture Significance Global Context: Globalisation and Sustainability SOI: Diversity and interconnections cause significant cultural change across time, place and space.	Unit 3 Topic: Aussie Cultural Phenomenon Key & Related Concepts: Global interactions Trade Culture Global Context: Personal and Cultural Expression SOI: Belief systems and ways of life are shared through cultural trade in global interactions.	
Year 9 Individuals and Societies STEM Futures Elective: The World in Your Pocket	Unit 1 Topic: Tracing the Origins Key & Related Concepts: Global Interaction Scarcity Trade Global Context: Globalisation and Sustainability SOI: Markets, scarcity and trade are at the heart of global interactions.	Unit 2 Topic: Mixing it up to satisfy needs and wants Key & Related Concepts: Time, place and space Competition, strategy Global Context: Orientation in time and space SOI: Competition forces strategy to be adapted by time and place.		
Year 9 Individuals and Societies STEM Futures Elective: Future of Global Cooperation	Unit 1 Topic: 'Left' vs. 'Right' Key & Related Concepts: System Government Ideologies Global Context: Fairness and Development SOI: Ideologies shape government structures and political systems.	Unit 2 Topic: Maintain Your Rage and Enthusiasm Key & Related Concepts: Systems Citizenship Government Global Context: Globalisation and Sustainability SOI: Diversity between citizens is vital in government systems.	Unit 3 Topic: Only One Earth Key & Related Concepts: Change Perspective Cooperation Global Context: Fairness and Development SOI: Peace can change though the perspectives and cooperation of nations.	
Year 9 Sciences STEM Futures Elective: Biochemical Solutions	Unit 1 Topic: The Need for Speed Key & Related Concepts: Change Conditions Models Global Context: Orientation in space and time SOI: Models of exchange and interaction can be used to predict the effect of changing conditions.	Unit 2 Topic: Living Chemistry Key & Related Concepts: Systems Energy Interaction Global Context: Scientific and technical innovation SOI: Energy systems interact with each other and can be used for scientific and technical innovation.		
Year 9 Sciences	Unit 1 Topic: Atoms, acids and neutralization	Unit 2 Topic: Reaction revolution		

Subject	Term 1	Term 2	Term 3	Term 4
STEM Futures Elective: World of Reactions	Key & Related Concepts: Change Interaction Evidence Global Context: Orientation in space and time SOI: Change is evident from exchange and interaction.	Key & Related Concepts: Relationships Consequences Environment Global Context: Scientific and technical innovation SOI: Relationships can have environmental consequences both caused and improved by scientific and technical innovation.		
Year 9 Sciences STEM Futures Elective: Medical Physics	Unit 1 Topic: Acoustic Medicine Key & Related Concepts: Systems Patterns Development Global Context: Scientific and technical innovation SOI: Technological development allows us to recognise patterns in complex systems.	Unit 2 Topic: Nuclear Medicine Key & Related Concepts: Change Energy Transformation Global Context: Scientific and technical innovation SOI: Change occurs through energy transformation, but brings with it risk and consequences.	Unit 3 Topic: EM Radiation Medicine Key & Related Concepts: Systems Models Development Global Context: Orientation in space and time SOI: The development of models reveals more about the scale, frequency and variability within systems.	
Year 9 Sciences STEM Futures Elective: Sustainable Futures	Unit 1 Topic: One world Key & Related Concepts: Relationships Interaction Environment Global Context: Globalisation and sustainability SOI: Interacting relationships between humans and the environment affects sustainability.	Unit 2 Topic: Cities of the future Key & Related Concepts: Systems Consequences Transformation Global Context: Fairness and development SOI: Human capability and development enables transformation, which can have consequences within and across systems.		
Year 9 Sciences STEM Futures Elective: Fuelling the Planet	Unit 1 Topic: Energy in chemical reactions Key & Related Concepts: Change Energy Transfer Global Context: Scientific and technical innovation SOI: Change results in energy transfer, which can be measured using indirect methods.	Unit 2 Topic: Fuels for society Key & Related Concepts: Systems Energy Development Global Context: Scientific and technical innovation SOI: The development of industrialised and engineered systems increases energy demand.		
Year 9 Mathematics	Topic: How's it work? Key & Related Concepts: Relationships Patterns Systems Quantity Global Context: Identities & Relationships SOI: Improved abilities to identify patterns and relationships between	Topic: Howzat! Key & Related Concepts: Logic Equivalence Approximation Change Global Context: Personal & Cultural Expression SOI: Logic, equivalence and approximation can be used for creative solutions in cultural contexts.	Topic: How much? Key & Related Concepts: Form Validity Approximation Space Models Global Context: Globalisation & Sustainability SOI: Human impact on the environment can be understood through valid models and spatial forms.	Topic: How likely? Key & Related Concepts: Logic Representation Validity Global Context: Fairness & Development SOI: Global inequality can be represented fairly through valid, logical approaches.

Subject	Term 1	Term 2	Term 3	Term 4
	quantities leads to a better understanding of ourselves and others.			
Year 9 Design STEM Futures Elective: Disrupting the Market	Unit 1 Topic: Skills Folio Key & Related Concepts: Development Adaptation Innovation Global Context: Globalization and Sustainability SOI: Products and processes must adapt in response to market trends.	Unit 2 Topic: Young Designers Key & Related Concepts: Communication Collaboration Markets and Trends Global Context: Fairness and Development SOI: Clear communication and effective collaboration are essential for entrepreneurial innovation.		
Year 9 Design STEM Futures Elective: Biomedical Engineering	Unit 1 Topic: Engineering and the human body Key & Related Concepts: Development Innovation Evaluation Global Context: Scientific and technical innovation SOI: Advances in technological resources can lead to innovative solutions.	Unit 2 Topic: 3D Printed Medication Key & Related Concepts: Development invention Resources Global Context: Scientific and technical innovation SOI: Digital tools support the rapid development of innovative solutions.		
Year 9 Design STEM Futures Elective: Future of Automation	Unit 1 Topic: Think like a Programmer Key & Related Concepts: Development Invention Evaluation Global Context: Scientific and technical innovation SOI: In product development, evaluation is necessary for invention.	Unit 2 Topic: The future of automation Key & Related Concepts: Systems Function Innovation Global Context: Globalization and sustainability SOI: The function of a system can be adapted to reduce environmental impact.		
Year 9 PHE STEM Futures Elective: Healthy Future	Unit 1 Topic: Body in balance Key & Related Concepts: Change Systems Global Context: Scientific and technical innovation SOI: Systems interact to adapt to physiological and environmental changes.	Unit 2 Topic: Teamwork makes the dream work Key & Related Concepts: Communication Balance Interaction Global Context: Identities and relationships SOI: Communication influences interaction and balance through roles, teams, cooperation and competition.	Unit 3 Topic: Make a difference Key & Related Concepts: Development Choice Global Context: Identities and relationships SOI: Physical, psychological and social development promotes healthy choices	
Year 9 Arts STEM Futures Elective: Artists as Changemakers	Topic: Photography Key & Related Concepts: Change Interpretation Innovation Global Context: Orientation in space and time	Topic: Painting Key & Related Concepts: Change Interpretation Innovation Global Context: Orientation in space and time		

Subject	Term 1	Term 2	Term 3	Term 4
	SOI: Innovation leads to change and can be a response to an individual's interpretation of place and time.	SOI: Innovation leads to change and can be a response to an individual's interpretation of place and time.		
Year 9 Arts STEM Futures Elective: Soundtrack	Topic: Space Odyssey Key & Related Concepts: Aesthetics Interpretation Innovations Global Context: Orientations in space and time SOI: Arts is used as a means to offer aesthetics that can depict interpretations and innovations through exploring orientations in space and time.	Topic: Soundtrack Key & Related Concepts: Identity Composition Narrative Global Context: Identities and relationships SOI: Shared narratives can communicate and strengthen identity and relationships.		
Year 9 Positive Education Program	Topic: Moving forward – Developing; Emotional Intelligence Knowledge & Skills: Positive Relationships 1. Empathy and Compassion Positive Emotions 1. Emotional Intelligence 2. Self-Control Emotional intelligence, EQ vs IQ, social skills, emotional vocabulary, empathetic language, active listening, self-control, active listening	Topic: Looking Forward – Beginning to investigate future pathways that align with your values and strengths Knowledge & Skills: Positive Purpose 2. Character Development 3. Core Values 4. Sense of Meaning Meaning, purpose and values, sense of purpose, spheres of influence, hedonic and eudaimonic goals, character strengths, value-based judgements, core values, living a meaningful life	Topic: Who Am I Really? – Understanding who you really are is crucial to making the most of your gifts and your life Knowledge & Skills: Positive Emotions 4. Gratitude Positive Purpose 3. Core Values 4. Sense of Meaning Self-discovery, developing an understanding of who they are and what has shaped them, gratitude, gender, neuroscience, adolescence, virtues, cultivating positive emotions (engaging with modules from the Rite Journey)	Topic: Getting on With Others – Developing the behaviours required to succeed in life. Knowledge & Skills: Positive Emotions 1. Emotional Intelligence 2. Self-Control Positive Accomplishment 4. Grit and Persistence Grit and persistence, growth mindset, shame, body image, active listening, emotional literacy, expressing feelings, think before you act, head vs heart, managing anger, aggressive vs assertive behaviours, responsible behaviours, self-regulation (engaging with modules from the Rite Journey)
Year 10				
Year 10 DPP English Language & Literature	Topic: Novel Study Knowledge & Skills Summary: <ul style="list-style-type: none"> Novel characterisation, setting, theme, plot, style and literary features Annotation of literary texts Unpack an essay topic, form a thesis, plan and structure an essay and writing conventions Writer's intentions and representation in texts 	Topic: Persuasive Language Knowledge & Skills Summary: <ul style="list-style-type: none"> Context, purpose and audience Reading strategies and comprehension exercises Persuasive text types Writer's intentions, power of language, aspects of diction and register Verbal and non-verbal oral presentation skills	Topic: Drama Study Knowledge & Skills Summary: <ul style="list-style-type: none"> Key ideas and authorial choices in Shakespeare's Macbeth Dramatic conventions and narrative structure of tragedies Drama representation and role in challenging cultural values Examine texts through literary lens Close reading and annotation skills Planning a comparative analytical essay topic, form a thesis, structure an essay and writing conventions 	Topic: Perspectives on Global Issues Knowledge & Skills Summary: <ul style="list-style-type: none"> Close reading and comprehension of literary and non-literary texts Different text types for different purposes Views and values represented in texts Interpretation of texts Writer's intentions and authorial choices in texts Oral presentation outline writing skills

Subject	Term 1	Term 2	Term 3	Term 4
				<ul style="list-style-type: none"> Verbal and non-verbal oral presentation skills
Year 10 DPP French ab initio	Topic: Greetings, introductions and musical preferences Knowledge & Skills Summary: <ol style="list-style-type: none"> Greetings Introductions of self and others Giving some personal information Expressing preferences and tastes in music 	Topic: Family and physical activity Knowledge & Skills Summary: <ol style="list-style-type: none"> Talking about family and relationships Formal greetings Talking about sports and body parts Describing athletes Discussing sporting preferences 	Topic: School and fashion Knowledge & Skills Summary: <ol style="list-style-type: none"> Looking at the French calendar Comparing school timetables (French and Australian) Shopping for clothing 	Topic: At home and on holidays Knowledge & Skills Summary: <ol style="list-style-type: none"> Describing housing and furniture Making phone calls Learning about holidays – countries and weather
Year 10 DPP French	Topic: From here and from elsewhere Knowledge & Skills Summary: Learning about heritage, discrimination and the evolution of language in modern society <ul style="list-style-type: none"> Expressing an opinion Synthesising information Debating, suggesting, proposing New writing styles (texting) Registers in language 	Topic: Living language and evolving family Knowledge & Skills Summary: Learning about the evolution of language in modern society and how the idea of family has changed <ul style="list-style-type: none"> Formulating criticisms and regrets Evoking memories and past anecdotes 	Topic: Tomorrow is ours! (& Heroics in HL) Knowledge & Skills Summary: Learning about future career pathways and relationship changes <ul style="list-style-type: none"> Professional future Comparing options and making hypotheses Justifying decisions and actions Telling a story At HL <ul style="list-style-type: none"> Describing characters and their evolution Summarising literature Expressing interest, disinterest, annoyance, enthusiasm 	Topic: Switched on and involved in a movement (&What does gender matter? in HL) Knowledge & Skills Summary: Learning about local activities and inciting action <ul style="list-style-type: none"> Defending a cause Inviting action Analysing medias At HL <ul style="list-style-type: none"> Noticing stereotypes Expressing expectations and hopes Synthesising differing pieces information
Year 10 DPP German	Topic: Identities Knowledge & Skills Summary: <ul style="list-style-type: none"> expressing dreams and wishes talking about future plans, role models, feelings describing family, health concerns, stereotypes Grammar: conjunctive, verbs with prepositions, relative clauses with prepositions, genitive plural, subordinate clauses, temporal conjunctions.	Topic: Experiences Knowledge & Skills Summary: <ul style="list-style-type: none"> talking about the future of cities commenting on a restaurant visit and travel discussing the advantages and disadvantages of work analysing graphs Grammar: future tense, conjunctions, simple past, reflexive verbs with dative pronouns, participles as adjectives, prepositions with genitive.	Topic: Human Ingenuity and Social Organisation Knowledge & Skills Summary: <ul style="list-style-type: none"> looking at strengths and weaknesses describing favourite places discussing conflict and resolution formulating opinions Grammar: relative clauses in nominative and accusative, relative pronouns, infinitive with 'zu', indefinite pronouns, possessive pronouns	Topic: Sharing the Planet Knowledge & Skills Summary: <ul style="list-style-type: none"> raising objections and offering opinions discussing commitment to causes talking about the environment and the role of technology learning from history Grammar: Conjunctions, indirect questions, genitive prepositions, past perfect tense, subordinate clauses
Year 10 DPP Japanese ab initio	Topic: Foundation unit – Myself and family Knowledge & Skills Summary: <ul style="list-style-type: none"> Hiragana · Greetings · Self-introduction (name, age, grade, phone number) · Numbers · Where you live · 	Topic: Leisure, Shopping and Entertainments Knowledge & Skills Summary: <ul style="list-style-type: none"> Katakana · Verbs · Verb conjugation · Going somewhere to do something · Particles · ㇿ form · Days of the week · 	Topic: Daily Routine and Celebrations Knowledge & Skills Summary: <ul style="list-style-type: none"> Daily routine · Time · Classroom objects · Adjectival conjugation · Days and Dates · Letter/email writing · Giving and receiving · Countries, languages 	Topic: Clothing and Holiday Knowledge & Skills Summary: <ul style="list-style-type: none"> Invitations and negotiations · Clothing · Want to and do not want to · Colours · Weather · Seasons · Places · Locations · Directions · Holiday planning · Kanji

Subject	Term 1	Term 2	Term 3	Term 4
	Nationality · Family · Animals (pet) · Body parts · Describing people and animals · School subjects/timetable · Japanese schooling system · Likes and Dislikes · Adjectives · School club activities	Transports · Entertainments (Hobbies, Sports) · Shopping · Food and drinks · Please do · Asking permission and approval · Demonstratives · Quantity words · Counters · Kanji	and nationalities · Verb ㇿ form · Comparisons · Kanji	
Year 10 DPP Japanese	Topic: Family, home and hometown Knowledge & Skills Summary: My town, my house, and my room (describing location and direction) Describing locations Telling the way <ul style="list-style-type: none"> Place に Something があります Something は Place にあります Place で Direction にまがります Introducing my family and typical Japanese family life Describe your family and other families Talk about what you do with your family	Topic: Festivals and events Knowledge & Skills Summary: A comparison of Japanese and Australian festivals and events <ul style="list-style-type: none"> Joining adjectives / joining sentences Joining verbs with the たりたり form Typical Japanese diet and popular Australian foods Seasons and seasonal events in Japan	Topic: Traveling to Japan Knowledge & Skills Summary: Introducing my country and my city to Japanese people At HL <ul style="list-style-type: none"> Extra kanji + grammar practice Reading comprehension, writing and speaking activities using authentic resources (e.g. travel brochures, newspaper articles) 	Topic: School life Knowledge & Skills Summary: Japanese schools and my school At HL <ul style="list-style-type: none"> Extra kanji + grammar practice Reading comprehension and writing (e.g. Japanese websites)
Year 10 DPP Latin	Topic: An introduction to Latin prose and poetry Knowledge & Skills Summary: Introduction to Latin prose and poetry. Present subjunctive, Word Order (separation of nouns and adjectives in verse), indirect statement (perfect active infinitive), indirect statement (perfect passive infinitive), fear clauses, word patterns.	Topic: Social contracts and marriage Knowledge & Skills Summary: Marriage: preliminaries, legal forms, the wife's position, and some evidence of married relationships. Indirect statement (present main verb and perfect active infinitive). Present subjunctive. Indirect statement (present main verb and perfect passive infinitive).	Topic: Roman literature and law (& Lectiones Memorabiles in HL) Knowledge & Skills Summary: Authors, readers and listeners: publication and bookshops; patronage and imperial influence; the interrelation of rhetorical education and Roman literature. Roman law courts, the conduct of cases, and an assessment of Roman justice. Present, future and imperfect passive and deponent (1st and 2nd persons plural). Word order continued (the placing of nouns and adjectives in verse). Indirect statement after verbs in the past tense. Gerundives with ad to express purpose. At HL Court trials and legal approaches.	Topic: Grammar and syntax revision (& consolidation and extension in HL) Knowledge & Skills Summary: Refinement of translation strategies, comprehension, and understanding nuances. At HL Consolidation and extension.
Year 10 DPP Business Management (incl. STEM Futures Elective: Show me the Money)	Topic: Marketing a product Knowledge & Skills Summary: Consumers 4Ps of marketing: Price Product Case study: Water and packaging.	Topic: Marketing a product and entrepreneurial skills Knowledge & Skills Summary: Place Promotion Entrepreneurship/Ventures program Sales forecasting	Topic: Business objectives and measuring success of a product Knowledge & Skills Summary: Introduction to Business Key concepts: ethics, sustainability, change Organisational objectives Organisation external environment	Topic: Measuring success of the product Knowledge & Skills Summary: Profit and loss Return on investment Sustainability <ul style="list-style-type: none">

Subject	Term 1	Term 2	Term 3	Term 4
			Business objectives Break-even Costs and revenues Profit and loss Dividends and retained profit	
Year 10 DPP Economics (incl. STEM Futures Elective: Tragedy of the Commons)	Topic: The economic problem and market failure - externalities Knowledge & Skills Summary: Economic problem Economic systems Competitive markets Allocative efficiency (optimal allocation) Market failure - externalities Government responses to externalities	Topic: Government response to the overuse of common access resources Knowledge & Skills Summary: Market failure – common access resources Government intervention: Inquiry into a contemporary issue relevant to students.	Topic: Introduction to Macroeconomics Knowledge & Skills Summary: The circular flow of income model PPC Business cycle AD/AS model (determinants and use for analysis) – SRAS only Macroeconomic objectives – unemployment, inflation, growth. Monetary policy	Topic: Free Trade & Protectionism Knowledge & Skills Summary: Benefits and costs of trade Absolute and comparative advantage Trade protectionism – tariff and subsidy Floating exchange rates Introduce commentary article, planning document, key concept and evaluation Application and analysis Synthesis and evaluation Use and application of appropriate skills
Year 10 DPP Digital Society (incl. STEM Futures Elective: Living in a Digital Society)	Topic: Being a Data Scientist & AI in your mobile phone Knowledge & Skills Summary: How might past events, patterns or trends help us to forecast future developments? <ul style="list-style-type: none"> • Systems • Environmental • Business • Characteristics of big data and data analytics Does the AI in our mobile phone enhance our lives? What are unintended consequences of having AI in our mobile devices? <ul style="list-style-type: none"> • Changes within a system of interdependent connections may generate intended and unintended consequences • Power is not evenly distributed • Uses of mobile phones in everyday lives • Smart/mobile devices: hardware, software, interfaces • AI 	Topic: Cybersecurity Knowledge & Skills Summary: Why do cyber-attacks happen and what are the consequences? <ul style="list-style-type: none"> • Power: Investigate the role of cyber security in modern politics and power systems. How is power shifting due to cybersecurity? • Values and ethics: Function of ethical hackers, cyber criminals and cyber-crime in digital society. Do hackers share values or ethical code? • Networks and the internet: How transfer of data packets across networks and the internet can be hacked? • Algorithms: How does algorithm design impact on cybersecurity? Does data bias impact on the safety of systems? How do hackers exploit algorithms? • Economic • Political 	Topic: Digital Expression: Our Social Media Lives; Introduction to robotics Knowledge & Skills Summary: How can media influence our perceptions? Expression: <ul style="list-style-type: none"> • The role of media for expressing identity • How different aspects of an identity is expressed in different media Media: <ul style="list-style-type: none"> • Types of digital media • Characteristics of digital media • Media authenticity, copyright, creative commons and ownership • Addiction and psychological concerns of multimedia Cultural: <ul style="list-style-type: none"> • Art, entertainment and popular culture • Home, leisure and tourism Exploring microbits, sensors and TinyBit robots	Topic: On the Road to Driverless Cars; Relational Databases Knowledge & Skills Summary: Global well-being; The future of work Automation and employment To what extent should autonomous vehicles fully replace human-controlled vehicles in the workplace? Autonomous vehicles used for commuting can reduce traffic deaths caused by human error, decrease travel time and increase worker productivity. Change: <ul style="list-style-type: none"> • What is a technological revolution? • How might past events, patterns or trends help us to forecast future developments? Robots and Autonomous Technologies: <ul style="list-style-type: none"> • Types of autonomous technologies • Characteristics of autonomous technologies • Evolution and dilemmas of autonomous technologies Cultural: <ul style="list-style-type: none"> • Business - Employment and labour • Political - Laws, regulations and policies Flat file vs relational databases

Subject	Term 1	Term 2	Term 3	Term 4
				Advantages of relational databases Terminology: field, record, table, data types Validation and verification Forms for user input Queries and reports
Year 10 DPP Psychology (incl. STEM Futures Elective: Inside Your Head)	Topic: Attachment; Personality and Knowledge & Skills Summary: Attachment and Imprinting Explanations of attachment: Harlow's monkeys, Cupboard love theory, Bowlby Schaffer and Emerson's Stages of Attachment Types of attachment: Ainsworth's Strange Situation Disruptions of attachments Failure to form attachments and disruptions in attachment Effect of early attachment on later relationships Personality disorders Research into personality types <ul style="list-style-type: none"> • Personality testing 	Topic: Learning; Intelligence Knowledge & Skills Summary: Behaviourism Social Learning Theory Animals and language Theories of intelligence Intelligence testing Issues in intelligence testing Neurodiversity	Topic: Research Methods (at HL) Knowledge & Skills Summary: Research Methods in Psychology through the lens of famous and controversial research. <ul style="list-style-type: none"> • Lab experiments • Field experiments • Quasi experiments • Natural experiments • Case studies • Observations • Interviews • Questionnaires and Surveys • Correlations 	Topic: Introduction to Debates (at HL) Knowledge & Skills Summary: Introduction to Debates in Psychology <ul style="list-style-type: none"> • Free will versus Determinism • Nature versus Nurture • Reductionism versus Holism • Nomothetic versus Idiographic • Socially sensitive research • Independent Inquiry Project exploring debates through the lens of Abnormal Psychology • Situational versus Dispositional explanations of behaviour
Year 10 DPP Biology (incl. STEM Futures Elective: Medical Biotechnology)	Topic: Cells and Genes in Research Knowledge & Skills Summary: Cells and Genes <ul style="list-style-type: none"> • DNA structure and replication • The genetic code - from DNA to proteins • Genes and patterns of inheritance • Types and causes of gene mutations Cells in Research <ul style="list-style-type: none"> • Enzyme restriction • Polymerase chain reaction (PCR) • Gel electrophoresis • Gene therapies 	Topic: Cell Culture & Stem Cells, Immunity & Pandemics Knowledge & Skills Summary: Cell Culture and Stem Cells: <ul style="list-style-type: none"> • Uses of stem cells • Therapeutic cloning • Ethical issues in medical biotechnology research Immunity and Pandemics: <ul style="list-style-type: none"> • Pathogens and infectious disease • Disease Vectors • Immunity, antibodies and vaccinations • Antibiotics and antibiotic resistance • Bioinformatics and the use of databases • Sterile techniques and bacterial handling • Keeping safe in laboratory research 	Topic: Cell Membranes, Genetics and Ecology Knowledge & Skills Summary: Cell membranes <ul style="list-style-type: none"> • Structure and function of the plasma membrane • Fluid mosaic model • Passive and active transport across membranes. Genetics <ul style="list-style-type: none"> • Overview of meiosis and the production of gametes • Inheritance through monohybrid crosses including autosomal genes and codominance • Analysis of pedigree charts. Ecology <ul style="list-style-type: none"> • Abiotic and biotic factors in ecosystems • Types of organisms based on modes of nutrition • Transfer of energy in ecosystems • Practical skills: quadrat sampling 	Topic: Human Physiology Knowledge & Skills Summary: Evolution <ul style="list-style-type: none"> • Evidence for evolution • The theory of natural selection. • Practical skills: evidence for human evolution. • Speciation and cladistics. Human physiology <ul style="list-style-type: none"> • Structure and function of the digestive system. • Action of digestive enzymes. • Structure and function of neurons and synapses • Practical skills: rat dissection At HL Evolution - Practical skills - analysis of gene sequences to produce phylogenetic trees; Human physiology - Structure and function of the kidney; Plant biology - Structure and function of xylem and phloem, Plant reproduction

Subject	Term 1	Term 2	Term 3	Term 4
			<ul style="list-style-type: none"> Nutrient sampling and the carbon cycle At HL Genetics - Inheritance through dihybrid crosses including sex linked genes and multiple alleles.	
Year 10 DPP Chemistry (incl. STEM Futures Elective: Future Materials)	Topic: Metals and Alloys Knowledge & Skills Summary: <ul style="list-style-type: none"> Inquiry – research an application of a specific metal Atomic structure Periodicity - atomic and ionic radii, first ionisation energy Electron arrangement Metallic bonding and structure Crystalline structures Properties of metals Examples of alloys and their properties 	Topic: Biomaterials Knowledge & Skills Summary: <ul style="list-style-type: none"> Periodicity and atomic structure review – effective nuclear charge and electronegativity Simple covalent molecules - bonding, structure Simple geometry and VSEPR theory Bond and molecular polarity Intermolecular forces Properties of simple covalent molecules Giant covalent structures - carbon allotropes Polymers – linking structure and evaluating properties Natural and synthetic polymers Biomaterials and biopolymers Research an innovation in biomaterials 	Topic: Stoichiometry Knowledge & Skills Summary: <ul style="list-style-type: none"> Ionic and covalent bonding and naming review Balancing chemical equations Introducing the mole concept Stoichiometry - mass-mass, solution concentration calculations Limiting and excess reagent Calculating molar mass and solution concentration Manipulative skills – making a standard solution, using a colorimeter, using a spectrophotometer Data analysis skills – using Capstone, graphing in Excel Introduction to error propagation Gas laws and gas stoichiometry HL only - Empirical and molecular formula 	Topic: Reactions Knowledge & Skills Summary: <ul style="list-style-type: none"> Reaction types - acid reactions, single & double displacement, synthesis, decomposition, combustion (predicting products, writing balanced equations, stoichiometry calculations) Precipitation reactions, predicting products, solubility rules Collision theory and rate of reaction HL only - Equilibrium
Year 10 DPP Computer Science (incl. STEM Futures Elective: Computational Thinking)	Topic: What is a Computer Scientist? & Algorithmic Thinking Knowledge & Skills Summary: <ul style="list-style-type: none"> Introduction to Computer Science Investigation into the value and purpose of a Computer Scientist Introduction to Computational Thinking Introduction to Algorithms Algorithm Design Unplugged Algorithms in Practice 	Topic: Algorithmic Thinking & Database Design Knowledge & Skills Summary: <ul style="list-style-type: none"> Algorithms in Practice Algorithms using Arduino Algorithms using JavaScript (Digital design of Algorithms) Introduction to Databases Introduction to SQL Data Types Queries/Forms/Reports 	Topic: 5 Introduction to Programming in Java Knowledge & Skills Summary: <ul style="list-style-type: none"> Introduction to IDEs Primitive Data types and Objects Boolean Expressions Branching Statements Strings Looping Statements Methods 	Topic: Introduction to Programming in Java & Case Study Knowledge & Skills Summary: The case study will focus on a current topic that is relevant and in the news. Students will study the computer science of IT system and discuss the challenges of implementing the system in the context provided.
Year 10 DPP Environmental Systems & Societies (incl. STEM Futures Elective: Blue Planet)	Topic: Life Under Water Knowledge & Skills Summary: UN SDG #14 Ocean as a system <ul style="list-style-type: none"> Types of systems – open, closed, isolated Transfer and transformations Feedback systems 	Topic: Human Impact Knowledge & Skills Summary: Marine fieldwork <ul style="list-style-type: none"> Excursion – MBEEC; ocean data collection (on the Inspiration) Marine Conservation – Assessing the Impact	Topic: Our diverse Earth Knowledge & Skills Summary: Earth's spheres Biosphere Speciation <ul style="list-style-type: none"> Evidence for evolution Natural selection Biological species concept 	Topic: Earth's resources Knowledge & Skills Summary: Geosphere Soil as a resource <ul style="list-style-type: none"> Soil cycling Soil properties Soil for food production Land availability

Subject	Term 1	Term 2	Term 3	Term 4
	<p>Aquatic Environments</p> <ul style="list-style-type: none"> Freshwater - lakes, rivers, creeks Brackish - mangroves, rivers Salt - oceans, lakes <p>Marine ecosystems</p> <ul style="list-style-type: none"> Intertidal – rocky shore, coastal Ocean zones – pelagic, benthic abyssal Abiotic factors – light, depth, turbidity, oxygen, temperature, water flow, pH <p>Marine biodiversity</p> <ul style="list-style-type: none"> Measuring biodiversity – Simpson's diversity index Species interactions – ecological succession <p>Impacts on Marine Environment</p> <ul style="list-style-type: none"> Invasive Species – Crown of Thorns case study Weather Events – ocean currents, Australia's ENSO cycle 	<ul style="list-style-type: none"> Environmental legislation - Environment Protection and Biodiversity Conservation Act, RAMSAR Marine Parks <p>Human Impacts to Marine systems</p> <ul style="list-style-type: none"> Pollution Urbanisation Tourism Fisheries Future of our oceans <p>Case study – Toondah Harbour</p> <p>Case study – Impact of the Olympic Games 2032</p> <p>Sailing</p>	<ul style="list-style-type: none"> Genetic drift Founder effect Allopatric speciation Sympatric speciation <p>Biodiversity</p> <ul style="list-style-type: none"> Genetic Species Ecosystem <p>Hydrosphere</p> <p>Water as a resource</p> <ul style="list-style-type: none"> Dams Water reservoirs Water treatment stations <p>Water quality testing</p>	<ul style="list-style-type: none"> Farming practices <p>Atmosphere</p> <p>Climate change</p> <ul style="list-style-type: none"> Biogeochemical cycles Carbon sequestering Atmospheric composition <p>Global warming</p>
<p>Year 10 DPP</p> <p>Physics</p> <p>(incl. STEM Futures Elective: Journey to Earth X)</p>	<p>Topic: Leaving Earth; Travelling in Interstellar Space</p> <p>Knowledge & Skills Summary:</p> <ul style="list-style-type: none"> Mechanics of accelerated motion Forces acting on a body Energy transformation <ul style="list-style-type: none"> Evidence for the Big Bang Cosmology and fate of the Universe Stellar Evolution and nuclear reactions Observational technology and measurements 	<p>Topic: Landing on Exoplanet Proxima b</p> <p>Knowledge & Skills Summary:</p> <ul style="list-style-type: none"> Terminal velocity Momentum and impulse suvat equations and kinematics 	<p>Topic: Physics Tool Box</p> <p>Knowledge & Skills Summary:</p> <ul style="list-style-type: none"> Working with equations and right triangles. SI units and metric prefixes. Significant figures and scientific notation. Errors and uncertainty, accuracy and precision. Tables and graphs, linearising data. Vector quantities - Horizontal and vertical components of vectors. Mathematical skills including: Working with equations Problem solving strategies Rearranging eg suvat and data booklet equations Graphing Spreadsheet skills Model reading a variety of texts and summarising key points for development of Experimental Investigation background writing. Practical investigations 	<p>Topic: Astronomy</p> <p>Knowledge & Skills Summary:</p> <ul style="list-style-type: none"> Electrostatics and electric charge - types and nature. Conductors, insulators, field lines Charging by contact and induction. Interaction between electric charges and electric fields. Electric current, DC circuits and resistance. Investigating series and parallel circuits. DC circuits Kirchhoff's Laws conceptually using bulbs. Resistance, resistivity, Ohm's Law. Building simple circuits. Calculating total resistance for series and parallel resistor combinations. Magnetic fields around current carrying conductors. <p>At HL</p> <ul style="list-style-type: none"> Harder electrostatic vector question in 2D

Subject	Term 1	Term 2	Term 3	Term 4
			At HL <ul style="list-style-type: none"> More maths details More maths practice for fluency Mathematical deviation of equations Geometrical proof Problems with unfamiliar contexts 	<ul style="list-style-type: none"> Proving Kirchoff's laws mathematically Deriving the total resistance formulae Harder circuit questions Complex problems and unfamiliar contexts
Year 10 DPP Sport Exercise and Health Science (incl. STEM Futures Elective: Peak Performance)	Topic: Body and Movement Knowledge & Skills Summary: Sport Psychology <ul style="list-style-type: none"> Talent identification and development Individual difference and motivation (personality in sports) Mental preparation for sport (inverted U/arousal and anxiety) Psychological skills training Exercise Physiology <ul style="list-style-type: none"> Functional anatomy – muscle, bone and joint identification Respiratory and cardiovascular systems Energy systems and fuel Fundamentals of Biomechanics <ul style="list-style-type: none"> Force and motion; Newtons laws Projectile motion Biomechanical analysis 	Topic: Measuring Performance Knowledge & Skills Summary: New Technologies in Sport Exercise and Health <ul style="list-style-type: none"> UQ visit – Full day Measurement and Evaluation of Human Performance <ul style="list-style-type: none"> Components of fitness and principles/training thresholds Field testing, data gathering, interpreting graphs Statistical analysis Clinical skills 	Topic: Skills Knowledge & Skills Summary: Classification <ul style="list-style-type: none"> Characteristics of skills Practical examples Principles of skill learning <ul style="list-style-type: none"> Learning and performance Learning curves Information processing <ul style="list-style-type: none"> Models Memory Feedback Motor programs 	Topic: Performance Knowledge & Skills Summary: Nervous System <ul style="list-style-type: none"> Central and Peripheral Motor units Autonomic and somatic Neuromuscular Function <ul style="list-style-type: none"> Sliding filament Muscle fibres Fatigue <ul style="list-style-type: none"> Central peripheral Recovery Case studies
Year 10 DPP Mathematics	Topic: Making Informed Decisions Knowledge & Skills Summary: <ul style="list-style-type: none"> Matrices - Adding and subtracting, Multiplying, Applications Linear Modelling – Simultaneous equations, Coordinate Geometry, Linear Inequalities Triangle Trigonometry - The Trigonometric Ratios – finding lengths and angles, Angles of Elevation and Depression, Area of triangle, Sine and Cosine Rules Algebra: Expansion and Factorisation - Expanding brackets, Factorising using common factors, Binomial expansion, Factorising Quadratics 	Topic: Shaping the Future Knowledge & Skills Summary: <ul style="list-style-type: none"> Algebraic Fractions – Operations, Solving Equations Measurement – Area, Surface Area – all prisms and pyramids, Volume – all prisms and pyramids, Capacity, Applications Statistics – Discrete vs Continuous, Distributions, Measures of Centre, Cumulative Frequency Curves, Box Plots, Standard Deviation Graph Theory – Edges, Vertices, drawing a graph from a table Quadratics - Solving Quadratic Equations by Factorising, Quadratic Equation 	Topic: Introduction to AI and AA I Knowledge & Skills Summary: <ul style="list-style-type: none"> Sequence and Series - Arithmetic and Geometric sequences and series Financial Mathematics - Simple interest, Compound interest: formula and applications, Depreciation Functions and Relations - definition of a function and a relation, Function notation, Domain and range, Interval notation, Composite Functions, Intersection of Graphs Exponents and logarithms - Index laws, including rational indices, 	Topic: Introduction to AI and AA II Knowledge & Skills Summary: <ul style="list-style-type: none"> Periodic Functions – Sketching, Solving using GDC, Trigonometric graphs (no $y=\tan x$ and no horizontal shift included) Probability - Venn diagrams and sample space, Mutually exclusive events, Tree diagrams, Conditional statements, Dependent and independent events Statistics - Scatter Plots, Time related data, Line of best fit, Statistics in the media, Standard deviation In AA SL Periodic Functions – Radian and Exact Values, Unit circle

Subject	Term 1	Term 2	Term 3	Term 4
	<ul style="list-style-type: none"> • Surds – Simplifying Operations with surds, Rationalising the Denominator • • 	<ul style="list-style-type: none"> • Advanced Trigonometry – Trigonometry with obtuse angles, The Unit Circle, Exact Angles, The Pythagorean Identity 	<p>Logarithms and introduction to logarithm laws</p> <p>In AA SL Functions and Relations – Inverse Functions; Polynomial Functions – Equations and Transformations, Sketching polynomials (GDC only), Using simultaneous equations to fit polynomial functions to data</p> <p>In AI SL Modelling (Quadratic Focus) – Non-linear graphs, transformations, using graphing software, using simultaneous equations</p> <p>At AI HL Matrices – Determinant, Solving Simultaneous Equations; Non-Linear Graphs – Exponential Laws, Standard Form, Exponential functions and graphs, Growth and Decay, Logarithms (laws and solving exponential equations); Polynomials – Operations, zeroes, roots and factors, inequality, long division, remainder and factor theorems, graphing</p> <p>At AA HL Set Notation – Notation, Subset and complement, Union and Intersection, Venn Diagrams; Functions and Relations - Modulus functions; Polynomials – Operations, Remainder and factor theorems, graphs of cubic and quartic polynomials</p>	<p>In AI SL/HL Statistics – Pearson's Product Moment Correlation, Linear regression</p> <p>At AI HL Probability – Sample space, theoretical and experimental probability, Laws of probability, expected value; Networking – Constructing graphs, Graph theory, adjacency matrices, transition matrices, minimum spanning trees</p> <p>At AA HL Periodic Functions – Pythagorean Identities, Trig equations, double angle identities</p> <p>Counting – Permutations, Combinations; Discrete Probability Distributions – Definition, Expected value</p>
Year 10 Visual Arts (incl. STEM Futures Elective: Unpacking the World Around Us)	<p>Topic: Experimental Drawing</p> <p>Knowledge & Skills Summary:</p> <p>Evaluate and Analyse Artworks</p> <p>Identify influences from other artists</p> <p>Manipulate skills, techniques and processes to make artworks</p> <p>Develop a reflective practice</p> <p>Use a visual arts journal</p> <p>Construct a Process Portfolio</p> <p>Implement art vocabulary and formal qualities in making and evaluating artworks</p> <p>Develop skills to devise and create artworks</p>	<p>Topic: Mixed Media</p> <p>Knowledge & Skills Summary:</p> <p>Evaluate and Analyse to compare and contrast Artworks from different cultures and times</p> <p>Identify influences from other artists to impact their own artmaking</p> <p>Manipulate skills, techniques and processes to make artworks</p> <p>Develop a reflective artmaking practice to review and refine artworks</p> <p>Use a visual arts journal to document practice</p> <p>Construct a Process Portfolio collating the artmaking process</p> <p>Develop art vocabulary and formal qualities in making and evaluating artworks</p>	<p>Topic: Sculpture</p> <p>Knowledge & Skills Summary:</p> <p>Analyse and compare different artworks by different artists through critical comparative analysis.</p> <p>Evidence their experimentation, exploration, manipulation and refinement of a variety of visual arts activities in a Process portfolio</p> <p>Resolved artwork that show evidence of their technical accomplishment with an understanding of the use of materials, ideas and practices appropriate to visual communication.</p>	<p>Topic: Art Video</p> <p>Knowledge & Skills Summary:</p> <p>Analyse and compare different artworks by different artists through critical comparative analysis.</p> <p>Evidence their experimentation, exploration, manipulation and refinement of a variety of visual arts activities in a Process portfolio</p> <p>Resolved artwork that show evidence of their technical accomplishment with an understanding of the use of materials, ideas and practices appropriate to visual communication.</p>

Subject	Term 1	Term 2	Term 3	Term 4
		Develop skills to devise and create artworks		
Year 11				
Year 11 English Language & Literature SL	Topic: How is identity explored through literary texts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education	Topic: How is identity explored through non-literary texts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education	Topic: What tensions exist between scientific progress and ethics? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Science, technology and the environment	Topic: How do authors use language to explore emotions, values and conflicts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community
Year 11 English Language & Literature HL	Topic: How is identity explored through literary texts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education	Topic: How is identity explored through non-literary texts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community; Politics, power and justice; Beliefs, values and education	Topic: What tensions exist between scientific progress and ethics? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Science, technology and the environment	Topic: How do authors use language to explore emotions, values and conflicts? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space Global Issue links: Culture, identity and community
Year 11 French ab initio SL	Topic: Welcome to French lifestyles Knowledge & Skills Summary: Physical geography, Climate, Neighbourhood Personal attributes, Personal relationships, Eating and drinking Daily routine, Transport, Holidays	Topic: French leisure and entertainment Knowledge & Skills Summary: Entertainment, Media, Leisure Holidays, Eating and drinking, Transport, Physical geography, Climate Education, The workplace, Neighbourhood	Topic: French youth Knowledge & Skills Summary: Physical well-being, Eating and drinking Personal relationships, The workplace, Neighbourhood Entertainment, Technology Physical Geography, Climate, Global issues	Topic: French daily life Knowledge & Skills Summary: Holidays, Transport Employment, Education, Media
Year 11 French B SL	Topic: Self-identity Knowledge & Skills Summary: Conceptual understandings: Variation, audience, tone, context, purpose, meaning, text type. Skills: reading, listening, speaking and writing. Links to TOK: family links, origins, locations, languages and expression, memory, intuition, emotion, reason, faith, school.	Topic: Social life Knowledge & Skills Summary: Conceptual understandings: purpose and meaning. Skills: reading, listening, speaking and writing. Links to TOK: social life, discrimination, laws, technology and learning a language.	Topic: Science, technology, communication and media Knowledge & Skills Summary: Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register. Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change.	Topic: The environment and globalisation Knowledge & Skills Summary: Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register. Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change.
Year 11 French B HL	Topic: Self-identity Knowledge & Skills Summary: Conceptual understandings: Variation, audience, tone, context, purpose, meaning, text type.	Topic: Social life Knowledge & Skills Summary: Conceptual understandings: purpose and meaning. Skills: reading, listening, speaking and writing.	Topic: Science, technology, communication and media Knowledge & Skills Summary: Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register.	Topic: The environment and globalisation Knowledge & Skills Summary: Conceptual understandings: audience, purpose, meaning, context, arguments, rhetorical questions, register.

Subject	Term 1	Term 2	Term 3	Term 4
	Skills: reading, listening, speaking and writing. Links to TOK: family links, origins, locations, languages and expression, memory, intuition, emotion, reason, faith, school. HL only: written and oral activity on <i>Les identités meurtrières</i> by Amin Maalouf (see Le Monde en Français, pp. 27-28)	Links to TOK: social life, discrimination, laws, technology and learning a language. HL only: reading activity on <i>Kiffe Kiffe Demain</i> by Faïza Guène (see Le Monde en Français, pp 215)	Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change. HL only: reading activity on <i>Tarmac</i> by Nicolas Dickner (see Le Monde en Français, pp 154).	Skills: reading, listening, speaking and writing. Links to TOK: can we believe everything we read/hear, reliability, environmental problems, industrial and consumer responsibility in managing the effects of climate change. HL only: reading, writing and speaking activities on <i>Le scaphandre et le papillon</i> by Jean-Dominique Bauby (see Le Monde en Français, pp 322-325)
Year 11 German ab initio SL	Topic: German in Daily Life Knowledge & Skills Summary: Furniture, School life, Work life, Technology Grammar: Prepositions, Adjectives, Two Way Prepositions, Modal Verbs, Sentence Structure, Indirect Questions	Topic: German Worldwide Knowledge & Skills Summary: Friends, Emergency, Food, Shopping, Party, Culture Grammar: Past Tense, Adjectives, Relative Sentences, Cases, Prepositions, Verbs with prepositions	Topic: German Together Knowledge & Skills Summary: Relationships, Swapping Items, Cooking and Diets, Environment Grammar: Verbs in past, present and future, prepositions, Adjectives, Conjunctive II	Topic: German Culture and Extension Knowledge & Skills Summary: Consolidation and extension of grammar and extending the knowledge of German through texts, videos and audio.
Year 11 German B SL	Topic: Identities and Relationships Knowledge & Skills Summary: Reflecting on who we are Stereotypes Healthy eating and fitness Values and Religion Globalisation Grammar: adjectives, modal verbs, connectives, pronouns, reflexive verbs and pronouns	Topic: Experiences Knowledge & Skills Summary: Multiculturalism in Germany German cuisine Festivals and Traditions Travel with Purpose Grammar: colloquialisms, sentence structure, present tense, opinions Skills: reading, listening, speaking and writing.	Topic: Human Ingenuity Knowledge & Skills Summary: Influence of the media Film genres with close analysis Music with Conscience Influence of Advertising Grammar: sentence structure with relative pronouns, review writing, passive Skills: reading, listening, speaking and writing.	Topic: Social Organisation Knowledge & Skills Summary: Influences of digital media Problems with social media Different social backgrounds and their importance on young people's lives German school system Role of the internet in schools today German laws and society including punishments Grammar: modal verbs, prepositions, passive sentences Skills: reading, listening, speaking and writing.
Year 11 German B HL	Topic: Identities and Relationships Knowledge & Skills Summary: Reflecting on who we are Stereotypes Healthy eating and fitness Values and Religion Globalisation Grammar: adjectives, modal verbs, connectives, pronouns, reflexive verbs and pronouns HL only: written and oral activity on Tschick by Wolfgang Herrndorf	Topic: Experiences Knowledge & Skills Summary: Multiculturalism in Germany German cuisine Festivals and Traditions Travel with Purpose Grammar: colloquialisms, sentence structure, present tense, opinions Skills: reading, listening, speaking and writing. HL only: reading activity on Tschick by Wolfgang Herrndorf	Topic: Human Ingenuity Knowledge & Skills Summary: Influence of the media Film genres with close analysis Music with Conscience Influence of Advertising Grammar: sentence structure with relative pronouns, review writing, passive Skills: reading, listening, speaking and writing. HL only: reading activity on Der Vorleser by Bernhard Schlink	Topic: Social Organisation Knowledge & Skills Summary: Influences of digital media Problems with social media Different social backgrounds and their importance on young people's lives German school system Role of the internet in schools today German laws and society including punishments Grammar: modal verbs, prepositions, passive sentences Skills: reading, listening, speaking and writing.

Subject	Term 1	Term 2	Term 3	Term 4
				HL only: reading, writing and speaking activities on Der Vorleser by Bernhard Schlink
Year 11 Japanese ab initio SL	Topic: My Everyday Life Knowledge & Skills Summary: Neighbourhood, Locations, Directions School related likes and dislikes Family life, Personal relationships, Personal attributes	Topic: Holidays and Celebrations Knowledge & Skills Summary: Holidays in Japan and Australia Celebrations in Japan, Special days in Japan, National holidays, Traditional activities, Festivals Daily routines, Weather/seasons, Climate	Topic: Entertainments / Sports / Hobbies Knowledge & Skills Summary: Expressing feelings and opinions, Transport Hobbies, Sports, Leisure activities, Fitness, Health Environmental issues, Global issues	Topic: Social Organization Knowledge & Skills Summary: Education, School subjects, School timetable, Rules and expectations, School routines, Social issues about schooling, School uniforms, Jobs, Future/dreams, Media, Technology Shopping, Talking about preferences, Clothing
Year 11 Japanese B SL	Topic: International traditional food Knowledge & Skills Summary: What ideas and images do we associate with a healthy lifestyle? How would living in another country affect our worldview? How do the development of technology affect our life? Text formats: review, instructions, speech, blog, website, critical writing	Topic: What is education for? Knowledge & Skills Summary: What opportunities and challenges the 21st century workplace bring? What role does language play? Text formats: blog, social media	Topic: How do we express ourselves through art? Knowledge & Skills Summary: What can we learn about a culture through its artistic expressions? (What ethical and environmental issues arise from living in the modern world and how can we resolve them? Text formats: poetry, song lyric, poster, audio-visual text	Topic: Extreme travel Knowledge & Skills Summary: How does travel broaden one's horizon? What ideas and images do we associate with a healthy lifestyle? Text formats: blog, diary, brochure, news report, review, article
Year 11 Japanese B HL	Topic: International traditional food Knowledge & Skills Summary: What ideas and images do we associate with a healthy lifestyle? How would living in another country affect our worldview? How do the development of technology affect our life? Text formats: review, instructions, speech, blog, website, critical writing HL: 注文の多い料理店 宮沢賢治 注文の多い料理店 宮沢賢治	Topic: What is education for? Knowledge & Skills Summary: What opportunities and challenges the 21st century workplace bring? What role does language play? Text formats: blog, social media HL: 注文の多い料理店 宮沢賢治 はじめての文学 重松清	Topic: How do we express ourselves through art? Knowledge & Skills Summary: What can we learn about a culture through its artistic expressions? (What ethical and environmental issues arise from living in the modern world and how can we resolve them? Text formats: poetry, song lyric, poster, audio-visual text HL: 無口の手紙 向田邦子	Topic: Extreme travel Knowledge & Skills Summary: How does travel broaden one's horizon? What ideas and images do we associate with a healthy lifestyle? Text formats: blog, diary, brochure, news report, review, article HL: 無口の手紙 向田邦子
Year 11 Latin B SL	Topic: Virtues & Vices Knowledge & Skills Summary: Introduction to authentic Latin texts Roman values	Topic: Power and Popularity Part 1 Knowledge & Skills Summary: Sallust <i>Bellum Jugurthum</i> Late republican politics: Marius & Sulla Historical writing	Topic: Power and Popularity Part 2 Knowledge & Skills Summary: Lucan <i>Bellum Civile</i> Cicero <i>Epistulae</i> Introduction to Roman poetry Civil war: Caesar & Pompey	Topic: Pax Augusta Knowledge & Skills Summary: Seneca <i>De Clementia</i> Cicero <i>Philippics</i> Virgil <i>Aeneid</i> 6 Transition from republic to empire Roman philosophy Rhetorical devices
Year 11 Latin B HL	Topic: Virtues & Vices Knowledge & Skills Summary: Introduction to authentic Latin texts Roman values Introduction to prose composition	Topic: Power and Popularity Part 1 Knowledge & Skills Summary: Sallust <i>Bellum Jugurthum</i> Late republican politics: Marius & Sulla Historical writing	Topic: Power and Popularity Part 2 Knowledge & Skills Summary: Lucan <i>Bellum Civile</i> Cicero <i>Epistulae</i> Introduction to Roman poetry	Topic: Pax Augusta Knowledge & Skills Summary: Seneca <i>De Clementia</i> Cicero <i>Philippics</i> Virgil <i>Aeneid</i> 6

Subject	Term 1	Term 2	Term 3	Term 4
		Cicero <i>pro Caelio</i>	Civil war: Caesar & Pompey Cicero <i>pro Caelio</i>	Transition from republic to empire Roman philosophy Rhetorical devices Cicero <i>pro Caelio</i>
Year 11 Spanish ab initio SL	Topic: Welcome to Spanish lifestyles Knowledge & Skills Summary: Personal attributes Personal relationships Eating and drinking	Topic: Spanish leisure and entertainment Knowledge & Skills Summary: Physical well-being Daily routine Leisure Holidays	Topic: Spanish youth Knowledge & Skills Summary: Festivals and celebrations Transport Entertainment	Topic: Spanish daily life Knowledge & Skills Summary: Technology Neighbourhood Education
Year 11 Business Management HL	Topic: Unit 1: Business organisation and environment Knowledge & Skills Summary: Overview of BM syllabus and CBL Introduction to business Types of organization Organisational objectives Stakeholders External environment Growth and evolution	Topic: Unit 3: Finance and accounts Knowledge & Skills Summary: 1.7 Organizational planning tools CUEGIS Sources of finance Costs and revenues Break-even analysis 3.4 Final accounts	Topic: Unit 3: Finance and accounts Knowledge & Skills Summary: 3.5 Profitability and liquidity ratio analysis 3.6 Efficiency ratio analysis 3.7 Cash flow Investment appraisals Budgets CUEGIS Introduction to IA	Topic: Unit 2: Human Resource Management Knowledge & Skills Summary: Functions and evolution of HR Organisational structure Leadership and management Motivation Organisational (corporate) culture Industrial-employee relations CUEGIS Introduction to Case Studies Analysis of Paper 1 CUEGIS – essay preparation connecting concepts with businesses
Year 11 Digital Society HL	Topic: Introduction to Digital Society, Digital Fundamentals, Our Digital Economy Knowledge & Skills Summary: 1 What is digital society? 2 Introduction to Concepts 3 Content 3.1 Data 3.2 Algorithms 3.3 Computers 3.4 Networks and the internet (partial) 3.6 Artificial intelligence (partial) 4.2 Economic 4.2A Business 4.2B Employment and labour	Topic: Our Digital Economy, Looking after our Environment, Sustainable Development Knowledge & Skills Summary: 4.2 Economic 4.2C Goods, services and currencies 4.2D Globalization 4.3 Environmental 4.3A Natural resources and ecosystems 4.3B Pollution and Waste 4.3D Agriculture 5 Introduction to HL Inquiry Interventions (The challenge and intervention framework) 5.3 Sustainable Development 5.3A Climate change and action 5.3B Responsible use of resources 5.3C Managing pollution and waste	Topic: Digital Culture, The Inquiry Project Knowledge & Skills Summary: 3 Context 3.5 Media 4.1 Cultural 4.1A Arts, entertainment and popular culture 4.1B Home, leisure and tourism 4.1C Heritage, customs and celebrations 4.1D Subcultures 4.8 Social 4.7A Social components of identity 4.7B Social class 4.7C Families and relationships 5.4 Governance and human rights 5.2C Diversity and discrimination Introduction to the Inquiry Project	Topic: The Inquiry Project, Our Digital World Knowledge & Skills Summary: Inquiry Project 3 Content 3.6 Artificial intelligence (revisited) 3.8 Robots and autonomous technologies 4.3 Environmental 4.3C Cities, infrastructures and built environments 5.1 Global well-being 5.1A Local and global inequalities 5.1B Changing populations
Year 11 Economics HL	Topic: Introduction to Economics, Microeconomics, The global economy	Topic: Microeconomics, The global economy, Microeconomics	Topic: Microeconomics, Macroeconomics	Topic: Macroeconomics Knowledge & Skills Summary:

Subject	Term 1	Term 2	Term 3	Term 4
	Knowledge & Skills Summary: 1.1 What is economics? 4.1 Benefits of international trade (comparative/absolute advantage only) 1.2 How do economists approach the world? (HET – Classical School of 18 th & 19 th C only) 2.1 Demand 2.5 Elasticity of demand 2.2 Supply 2.6 Elasticity of supply 2.3 Competitive market equilibrium 4.5 Exchange rates (RLA Floating ER's Diagrams and Determinants Only)	Knowledge & Skills Summary: 2.7 Role of government in microeconomics 4.2 Types of trade protection (Standard Protection Diagrams Only) 4.5 Exchange rates (RLA in 2.7 Fixed ER's Diagrams Only) 2.8 Market failure—externalities and common pool or common access resources 2.9 Market failure—public goods 2.4 Critique of the maximizing behaviour of consumers (Rational Consumer Choice & Behavioural Economics Only). 1.2 HET – Behavioural Economics Only 2.10 Market failure—asymmetric information 2.4 Critique of the maximizing behaviour of producers 2.11 Market failure—market power (Up to PC/Monopoly)	Knowledge & Skills Summary: 2.11 Market failure—market power (Oligopoly, Monopolistic Competition, Market Power Evaluation & Government Intervention) 2.12 The market's inability to achieve equity 3.1 Measuring economic activity and illustrating its variations 3.2 Variations in economic activity—aggregate demand and aggregate supply 1.2 How do economists approach the world? (HET – Keynesian Vs Monetarism/New Classical) 3.3 Macroeconomic objectives	3.5 Demand management (demand side policies)—monetary policy 3.6 Demand management—fiscal policy 3.7 Supply-side policies
Year 11 Information Technology in a Global Society HL	Topic: 1. The ITGS Triangle 5. Introduction to the Project Knowledge & Skills Summary: Introduction to ITGS: review of social impacts and ethical considerations (Section 1) Getting started with the Project: 3.9 Project Management and 3.6 Multimedia	Topic: 3. Software and Hardware Concepts 4. Databases in Action Knowledge & Skills Summary: 3.2 Software & 3.1 Hardware Context focus on 2.4 Health (Assistive Technologies) and 2.2 Education (provision for special needs) 3.7 Databases in everyday life Context focus on 2.1 Business and employment Students working project (IA)	Topic: 5. The Connected World Knowledge & Skills Summary: 3.4 The Internet 3.3 Networks 3.5 Personal and Public communications Social and Ethical consideration related to: 2.5 Home and leisure 2.6 Politics and government Students working project (IA)	Topic: 5. The Connected World (continued) 6. Modelling and Simulations Knowledge & Skills Summary: 3.4 The Internet 3.3 Networks 3.5 Personal and Public communications Social and Ethical consideration related to 2.5 Home and leisure 2.6 Politics and government 3.8 Spreadsheets, modelling and simulations Context focus on 2.3 Environment Context focus on 2.1 Business and employment Students working project (IA)
Year 11 Psychology HL	Topic: Core: Biological Approach Knowledge & Skills Summary: Biological Approach The brain and behaviour <ul style="list-style-type: none"> Techniques used to study the brain in relation to behaviour Localization Neuroplasticity 	Topic: Core: Biological Approach; Core: Cognitive Approach Knowledge & Skills Summary: The role of animal research in understanding human behaviour & animal ethics Cognitive Approach Cognitive processing	Topic: Core: Cognitive Approach; Core: Sociocultural Approach; Research Methods Knowledge & Skills Summary: Cognitive processing in the digital world The individual and the group	Topic: Core: Sociocultural Approach Simple Experimental Study (Draft IA) Knowledge & Skills Summary: Elements of researching behaviour <ul style="list-style-type: none"> Sampling and Ethics Analysing and presenting data Evaluating research Reliability, validity,

Subject	Term 1	Term 2	Term 3	Term 4
	<ul style="list-style-type: none"> Neurotransmitters and their effect on behaviour Hormones and behaviour Hormones and behaviour Pheromones and behaviour Genetics and behaviour Genetic similarities Evolutionary explanations 	<ul style="list-style-type: none"> Models of memory Schema theory Thinking and decision-making Reliability of cognitive processes Reconstructive memory Emotion and cognition <p>The influence of emotion on cognitive processes</p> <p>Biases in thinking and decision-making</p>	<ul style="list-style-type: none"> Social identity theory Social cognitive theory Stereotype <p>Cultural origins of behaviour and cognition</p> <ul style="list-style-type: none"> Culture and its influence on behaviour and cognition Cultural dimensions <p>Cultural influences on individual attitudes,</p> <ul style="list-style-type: none"> identity and behaviours Enculturation Acculturation <p>The influence of globalization on individual attitudes, identities and behaviour</p> <p>Paper 3 Research Methods</p>	<p>credibility and bias in research</p> <p>Drawing conclusions</p> <ul style="list-style-type: none"> Correlation and causation Replication <p>Transferability for qualitative research</p> <p>Triangulation</p>
Year 11 Biology SL	<p>Topic: Cell biology</p> <p>Knowledge & Skills Summary:</p> <p>5.1 Introduction</p> <p>Mandatory Practical 1</p> <p>1.2 Ultrastructure of cells</p> <p>1.3 Membrane structure</p> <p>1.4 Membrane transport</p> <p>Mandatory Practical 2</p> <p>1.5 The origin of cells</p> <p>1.6 Cell division</p>	<p>Topic: Molecular biology</p> <p>Knowledge & Skills Summary:</p> <p>2.1 Molecules to metabolism</p> <p>2.2 Water</p> <p>2.3 Carbohydrates and lipids</p> <p>2.4 Proteins</p> <p>2.5 Enzymes</p> <p>Mandatory Practical 3</p> <p>2.6 Structure of DNA and RNA</p>	<p>Topic: Genetics and genetic modification</p> <p>Knowledge & Skills Summary:</p> <p>2.7 DNA replication, transcription and translation</p> <p>2.8 Cell respiration</p> <p>2.9 Photosynthesis</p> <p>Mandatory Practical 4</p> <p>3.1 Genes</p> <p>3.2 Chromosomes</p> <p>3.3 Meiosis</p>	<p>Topic: Environmental systems</p> <p>Knowledge & Skills Summary:</p> <p>3.4 Inheritance</p> <p>3.5 Genetic modification and biotechnology</p> <p>4.1 Species, communities and ecosystems</p> <p>Mandatory Practical 5</p> <p>4.2 Energy flow</p> <p>4.3 Carbon cycling</p> <p>4.4 Climate change</p> <p>Final Internal Assessment (Data Collection)</p>
Year 11 Biology HL	<p>Topic: Cell and Molecular Biology</p> <p>Knowledge & Skills Summary:</p> <p>5.1 Introduction</p> <p>Mandatory Practical 1</p> <p>1.2 Ultrastructure of cells</p> <p>1.3 Membrane structure</p> <p>1.4 Membrane transport</p> <p>Mandatory Practical 2</p> <p>1.5 The origin of cells</p> <p>1.6 Cell division</p> <p>2.1 Molecules to metabolism</p> <p>2.2 Water</p> <p>2.3 Carbohydrates and lipids</p> <p>2.4 Proteins</p>	<p>Topic: Molecular Biology and Genetics</p> <p>Knowledge & Skills Summary:</p> <p>2.5 Enzymes</p> <p>Mandatory Practical 3</p> <p>2.6 Structure of DNA and RNA</p> <p>2.7 DNA replication, transcription and translation</p> <p>7.1 DNA structure and replication</p> <p>7.2 Transcription and Gene expression</p> <p>7.3 Translation</p> <p>2.8 Cell respiration</p> <p>2.9 Photosynthesis</p> <p>Mandatory Practical 4</p> <p>3.1 Genes</p> <p>3.2 Chromosomes</p>	<p>Topic: Genetics and Ecology</p> <p>Knowledge & Skills Summary:</p> <p>3.3 Meiosis</p> <p>10.1 Meiosis</p> <p>3.4 Inheritance</p> <p>10.2 Inheritance</p> <p>3.5 Genetic modification and biotechnology</p> <p>4.1 Species, communities and ecosystems</p> <p>Mandatory Practical 5</p> <p>4.2 Energy flow</p> <p>4.3 Carbon cycling</p> <p>4.4 Climate change</p>	<p>Topic: Evolution and Biodiversity, Individual Investigation</p> <p>Knowledge & Skills Summary:</p> <p>5.1 Evidence for evolution</p> <p>5.2 Natural selection</p> <p>10.3 Gene Pools and Speciation</p> <p>5.3 Classification of biodiversity</p> <p>5.4 Cladistics</p> <p>Final IA (Practical work)</p>

Subject	Term 1	Term 2	Term 3	Term 4
Year 11 Chemistry SL	Topic: Stoichiometric Relationships, Atomic Structure Periodicity Knowledge & Skills Summary: 1.1 Introduction to the particulate nature of matter and chemical change 1.2 The mole concept 1.3 Reacting masses and volumes Compulsory pracs: Empirical formulas from mass change, Molar mass of a gas from ideal gas equation, Titration. 2.1 The nuclear atom 2.2 Electron configuration 3.1 Periodic Table 3.2 Periodic trends	Topic: Measurement and Data Processing, Chemical bonding and structure, Group 4 Project Planning Knowledge & Skills Summary: 11.1 Uncertainties and errors in measurement and results 11.2 Graphical techniques 4.1 Ionic bonding and structure 4.2 Covalent bonding 4.3 Covalent structures 4.4 Intermolecular forces 4.5 Metallic bonding	Topic: Energetics/Thermochemistry, Group 4 Project, Workshops, Chemical kinetics Knowledge & Skills Summary: 5.1 Measuring energy changes 5.2 Hess's Law 5.3 Bond enthalpies Compulsory prac: Calorimetry experiment 6.1 Collision theory and rates of reaction Compulsory prac: Investigation of rates of reaction	Topic: Equilibrium, Acids and Bases Knowledge & Skills Summary: 7.1 Equilibrium 8.1 Theories of acids and bases 8.2 Properties of acids and bases 8.3 The pH scale 8.4 Strong and weak acids and bases 8.5 Acid deposition Compulsory prac: Acid-base titration with different indicators, Titration and standard solutions, Use of pH meter and universal indicator
Year 11 Chemistry HL	Topic: Stoichiometric Relationships, Atomic Structure Periodicity Knowledge & Skills Summary: 1.1 Introduction to the particulate nature of matter and chemical change 1.2 The mole concept 1.3 Reacting masses and volumes Compulsory pracs: Empirical formulas from mass change, Molar mass of a gas from ideal gas equation, Titration. 2.1 The nuclear atom 2.2 Electron configuration 12.1 Electrons in atoms 3.1 Periodic Table 3.2 Periodic trends 13.1 First-row d-block elements	Topic: Measurement and Data Processing, Chemical bonding and structure, Group 4 Project Planning Knowledge & Skills Summary: 11.1 Uncertainties and errors in measurement and results 11.2 Graphical techniques 4.1 Ionic bonding and structure 4.2 Covalent bonding 4.3 Covalent structures 4.4 Intermolecular forces 4.5 Metallic bonding 14.1 Further aspects of covalent bonding and structure	Topic: Energetics/Thermochemistry, Group 4 Project, Workshops, Chemical kinetics Knowledge & Skills Summary: 5.1 Measuring energy changes 5.2 Hess's Law 5.3 Bond enthalpies 15.1 Energy cycles 15.2 Entropy and spontaneity Compulsory prac: Calorimetry experiment 1.1 Collision theory and rates of reaction 16.1 Rate expression and reaction mechanism Compulsory prac: Investigation of rates of reaction	Topic: Equilibrium, Acids and Bases Knowledge & Skills Summary: 7.1 Equilibrium 17.1 The equilibrium law 8.1 Theories of acids and bases 8.2 Properties of acids and bases 8.3 The pH scale 8.4 Strong and weak acids and bases 8.5 Acid deposition 18.1 Acid deposition 18.2 Lewis acids and bases 18.2 Calculations involving acids and bases 18.3 pH curves Compulsory prac: Acid-base titration with different indicators, Titration and standard solutions, Use of pH meter and universal indicator
Year 11 Computer Science HL	Topic: System Design I Knowledge & Skills Summary: 1.1 Systems in organizations 1.2 System design basics 4.1 General principles Case Study Intro. To IA & its criteria	Topic: System design II Knowledge & Skills Summary: 1.2 System design basics D.2 Features of OOP 4.1 General principles 4.2 Connecting computational thinking and program design 2.1 Computer organization Criterion A – Planning Criterion B – Solution overview	Topic: Program Development I Knowledge & Skills Summary: D.3 Program development 4.2 Connecting computational thinking and program design 4.3 Introduction to programming 3.1 Network fundamentals Criterion C – Development Criterion E – Evaluation Practice IA Work	Topic: Networking and Program development II Knowledge & Skills Summary: 3.1 Network fundamentals 4.2 Connecting computational thinking and program design 4.3 Introduction to programming D.4 Advanced program development Case Study IA Topic Selection – Proposals Criterion A – Planning Criterion B – Solution overview

Subject	Term 1	Term 2	Term 3	Term 4
Year 11 ESS SL	Topic: Foundations of ESS, Living World Knowledge & Skills Summary: 1.4 Environmental Value Systems,EVS 1.5 Systems and Models 5.1 Energy and equilibria 1.5 Sustainability 1.5 Human's and pollution 2.1 Species and populations 2.2 Communities and ecosystems	Topic: Investigating the Natural world Knowledge & Skills Summary: 2.3 Flows of energy and matter 2.4 Biomes, zonation and succession 2.5 Investigating ecosystems 4.1 Introduction to water systems 4.2 Access to fresh water 4.4 Water pollution	Topic: <i>Biodiversity and conservation</i> Knowledge & Skills Summary: Practice Internal Assessment 3.1 An introduction to biodiversity 3.2 Origins of biodiversity 3.3 Threats to biodiversity 3.4 Conservation of biodiversity	Topic: <i>Food production systems</i> Knowledge & Skills Summary: 4.3 Aquatic food production systems 5.1 Introduction to soil systems 5.2 Terrestrial food production systems and food choices 5.3 Soil degradation and conservation
Year 11 Physics SL	Topic: Topic 1: Measurements and uncertainties Topic 2: Mechanics Knowledge & Skills Summary: 1.1 – Measurements in physics 1.2 – Uncertainties and errors 1.3 – Vectors and scalars 2.1 – Motion 2.2 – Forces 2.3 – Work, energy, and power 2.4 – Momentum and impulse	Topic: Topic 3: Thermal Physics Topic 4: Waves Group 4 Project Planning Knowledge & Skills Summary: 3.1 – Thermal concepts 3.2 – Modelling a gas 4.1 – Oscillations 4.2 – Travelling waves 4.3 – Wave characteristics 4.4 – Wave behaviour 4.5 – Standing waves	Topic: Topic 5: Electricity and Magnetism Topic 6: Circular Motion and Gravitation Group 4 Project Workshops Knowledge & Skills Summary: 5.1 – Electric fields 5.2 – Heating effect of electric currents 5.3 – Electric cells 5.4 – Magnetic effects of electric currents 6.1 – Circular motion 6.2 – Newton's law of gravitation	Topic: Internal Assessment Topic 7: Atomic, nuclear and particle physics Knowledge & Skills Summary: Experimenting, analysis and communication 7.1 – Discrete energy and radioactivity
Year 11 Physics HL	Topic: Topic 1: Measurements and uncertainties Topic 2: Mechanics Topic 3: Thermal Physics Topic 4: Waves Knowledge & Skills Summary: 1.1 – Measurements in physics 1.2 – Uncertainties and errors 1.3 – Vectors and scalars 2.1 – Motion 2.2 – Forces 2.3 – Work, energy, and power 2.4 – Momentum and impulse 3.1 – Thermal concepts 3.2 – Modelling a gas 4.1 – Oscillations	Topic: Topic 4: Waves Topic 5: Electricity and Magnetism Topic 6: Circular Motion and Gravitation Group 4 Project Planning Knowledge & Skills Summary: 4.2 – Travelling waves 4.3 – Wave characteristics 4.4 – Wave behaviour 4.5 – Standing waves 5.1 – Electric fields 5.2 – Heating effect of electric currents 5.3 – Electric cells 5.4 – Magnetic effects of electric currents 6.1 – Circular motion 6.2 – Newton's law of gravitation	Topic: Topic 7: Atomic, nuclear and particle physics Topic 8: Energy production Topic 9: Wave phenomena Group 4 Project Workshops Knowledge & Skills Summary: 7.1 – Discrete energy and radioactivity 7.2 – Nuclear reactions 7.3 – The structure of matter 8.1 – Energy sources 8.2 – Thermal energy transfer 9.1 – Simple harmonic motion 9.2 – Single-slit diffraction 9.3 – Interference 9.4 – Resolution 9.5 – Doppler effect	Topic: Topic 10: Fields Topic 11: Electromagnetic induction Internal Assessment Knowledge & Skills Summary: 10.1 – Describing fields 10.2 – Fields at work Experimenting, analysis and communication
Year 11 Sport Exercise and Health Science HL	Topic: Anatomy and exercise physiology Knowledge & Skills Summary: Topic 1 Anatomy The skeletal system The muscular system	Topic: Energy and movement analysis Knowledge & Skills Summary: Topic 3 Energy systems Nutrition Carbohydrate and fat metabolism Nutrition and energy systems	Topic: Fitness and performance Knowledge & Skills Summary: Topic 6 Measurement and evaluation of human performance Statistical analysis Study design	Topic: Skill acquisition and analysis Movement Knowledge & Skills Summary: Practical Work Topic 5 Skill in sports Characteristics and classification of skill

Subject	Term 1	Term 2	Term 3	Term 4
	Topic 2 Exercise Physiology Ventilatory system Cardiovascular system Topic 7 Further Anatomy The skin system Structure and function of the brain Topic 8 The endocrine system Practical work	Topic 4.3 Movement analysis Fundamentals of biomechanics Topic 10 Friction and Drag Practical work	Components of fitness Principles of training programme design Topic 11 Skill acquisition and analysis Pedagogy for skill acquisition Notation and analysis Group 4 Project Practical Work Practice IA	Information processing Principles of skill learning Topic 4.1 and 4.2 Neuromuscular function Joint and movement type
Year 11 Mathematics Applications & Interpretations SL	Topic: Representing Data and Modelling Relationships Knowledge & Skills Summary: 1.1, 1.6 Number and Algebra 2.1, 2.5 Coordinate Geometry 3.1 – 3.5 Geometry and Trigonometry 4.1 – 4.3 Statistics	Topic: Representing Space and Math Models Knowledge & Skills Summary: 1.8 Solving equations with technology 2.2 – 2.6 Functions 4.4 Statistics	Topic: Modelling Relationships and Irregular Areas Knowledge & Skills Summary: 1.5 Exponents and logarithms 2.3 – 2.6 Functions 5.1-5.5, 5.8 Differentiation	Topic: Modelling Rates of Change and Validity Knowledge & Skills Summary: 4.10, 4.11 Hypothesis Testing 5.6 – 5.7 Calculus
Year 11 Mathematics Applications & Interpretations HL	Topic: Interpreting Mathematics for Models Knowledge & Skills Summary: SL 1.6 Number SL 1.1, SL 1.5 Exponents and logarithms SL 3.2 – 3.4, AHL 3.7, AHL 3.8 Geometry and Trigonometry SL 3.1, SL 3.5 Geometry SL 4.1 – 4.3, AHL 4.13 Statistics SL 2.2 – 2.4, AHL 2.7 Functions SL 1.8, SL 2.5, SL 2.6 Mathematical Models SL 4.4 Statistics	Topic: Applications of Mathematical Models Knowledge & Skills Summary: SL 1.2, SL 1.3, AHL 1.11 Sequences SL 1.4, SL 1.7 Financial mathematics AHL 3.10 – 3.13 Vectors AHL 2.8 Transformations SL 1.8, SL 2.5, SL 2.6, AHL 2.9, AHL 2.10 Mathematical models AHL 3.8 Trigonometry SL 5.1 – 5.4, 5.6, 5.7 Calculus	Topic: Representing Systems Knowledge & Skills Summary: SL 3.5 – 3.6 Geometry SL 4.7,4.8 Probability distributions SL 4.10, SL 4.11, AHL 4.12, AHL 4.18 Hypothesis Testing AHL 1.14 Matrices AHL 5.9, AHL 5.10, AHL 5.13 Calculus	Topic: Quantifying Uncertainty Knowledge & Skills Summary: AHL 1.12, AHL 1.13 Complex Numbers SL 4.8 Probability distributions SL 4.11, AHL 4.14 – 4.16, AHL 4.18 Hypothesis testing SL 5.5, SL 5.8, AHL 5.11 – 5.13 Integration
Year 11 Mathematics Analysis & Approaches SL	Topic: Number and Algebra Knowledge & Skills Summary: 1.1,1.5 Number and Logarithms 1.2 – 1.4, 1.8 Sequence and Series 1.7 Number and Finance 1.9 Binomial Theorem 1.6 Number and Algebra	Topic: Functions Knowledge & Skills Summary: 2.2-2.4 Functions 2.1, 3.1 Geometry 2.4 – 2.7 Functions and Quadratics	Topic: Geometry and Trigonometry; Functions II Knowledge & Skills Summary: 3.2 – 3.5 Trigonometry 2.10 Equations and Graphing 2.8, 2.9, 2.11 Functions	Topic: Probability and Statistics; Differentiation Knowledge & Skills Summary: 4.1– 4.4 Statistics 4.5, 4.6 Probability 5.1 – 5.4 Differentiation
Year 11 Mathematics Analysis & Approaches HL	Topic: From patterns to generalisations; Relationships in Space Knowledge & Skills Summary: SL 1.1-1.7 Exponents and Logarithms SL 1.2 – 1.4, 1.8 Sequences and Series SL 1.9, HL 1.10 Counting Principles and Binomial Expansion SL 1.9, HL1.15* Proof SL 2.1, 3.1-3.3 Geometry and Trigonometry	Topic: Representing Relationships; Analysing Data and Quantifying Randomness Knowledge & Skills Summary: SL 2.2-2.5, HL 2.15-2.16* Functions I SL 2.6-2.7 Quadratics SL 3.4-3.5 Trigonometry I SL 2.10, HL 1.11, 1.16 Equations and Algebra HL 2.12 Polynomials	Topic: Relationships in Space II; Exploring randomness; Measuring Change Knowledge & Skills Summary: SL 2.8-2.9, 2.11 Functions II SL 3.6-3.8, HL 3.10 Trigonometry II SL 4.5-4.6, 4.11, HL 4.13 Probability SL 5.1-5.8 Differentiation	Topic: Expanding the number system; Measuring Change II; Modelling Randomness; Modelling 3D Space Knowledge & Skills Summary: SL 5.5, 5.9 – 5.11 Integration SL 4.7 – 4.12, HL 4.14 Probability and Statistics HL 3.12 – 3.13 Vectors I

Subject	Term 1	Term 2	Term 3	Term 4
		HL 1.12 – 1.14* Complex Numbers I		
Year 11 Visual Art HL	Topic: Ecologies (three dimensional and time based) Knowledge & Skills Summary: A: Inspiration boards Ideate, experiment, process and reflection. Link ideas to the work of others. B: Introduction to CS: What is context and cultural significance? Graphic organisers for analysis and comparison.	Topic: Ecologies Knowledge & Skills Summary: C: Resolving one artwork and working towards extension. Digital skills: photo shoot and photo shop. D: Comparing artworks. Graphic organisers for formal qualities.	Topic: Independent Practice 1 (choice of media) Knowledge & Skills Summary: E: Students focus on establishing a concept/ investigation for their final body of work. F: Student selection of artworks for CS relating to BOW. Review graphic organisers. Complete CS context for three artworks Begin first work of art	Topic: Independent Practice 2 Knowledge & Skills Summary: G: Review of formal qualities. Graphic organisers for comparison. Connecting own artwork to work of others. H: Three artworks in three weeks. Students continue process in visual diary.
Year 11 Theory of Knowledge	Topic: Knowledge and the knower – (Core); Area of Knowledge – Mathematics Knowledge & Skills Summary: Knowledge questions from the TOK guide to consider: <ul style="list-style-type: none"> • Scope • Perspectives • Methods and tools • Ethics 	Topic: Area of Knowledge – The Arts; Knowledge and language – (Option 1) Knowledge & Skills Summary: Knowledge questions from the TOK guide to consider: <ul style="list-style-type: none"> • Scope • Perspectives • Methods and tools • Ethics 	Topic: Knowledge and technology – (Option 2); Area of Knowledge – Natural Sciences Knowledge & Skills Summary: Knowledge questions from the TOK guide to consider: <ul style="list-style-type: none"> • Scope • Perspectives • Methods and tools • Ethics 	Topic: Internal Assessment – Exhibition; Area of Knowledge – Human Sciences Knowledge & Skills Summary: Knowledge questions from the TOK guide to consider: <ul style="list-style-type: none"> • Scope • Perspectives • Methods and tools • Ethics
Year 12				
Year 12 English Language & Literature SL	Topic: How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)? Knowledge & Skills Summary: Area of Exploration: Time and Space; Intertextuality Global Issue links: Politics, power and justice	Topic: How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space; Intertextuality Global Issue links: Politics, power and justice	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 English Language & Literature HL	Topic: How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)? Knowledge & Skills Summary: Area of Exploration: Time and Space; Intertextuality Global Issue links: Politics, power and justice	Topic: How, and for what larger purpose, do authors portray conflict (individual, familial, societal, political)? Knowledge & Skills Summary: Area of Exploration: Readers, Writers, Texts; Time and Space; Intertextuality Global Issue links: Politics, power and justice	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 French ab initio SL	Topic: French in the world Knowledge & Skills Summary: Employment, Entertainment, Sport, Shopping Physical health, Environmental Concerns	Topic: Global Impact Knowledge & Skills Summary: Technology, Media, Relationships World concerns, Climate, Physical Geography, Environmental concerns	Topic: Revision Program Knowledge & Skills Summary:	

Subject	Term 1	Term 2	Term 3	Term 4
Year 12 French B SL	Topic: Tourism and travel Knowledge & Skills Summary: Conceptual understandings: audience, purpose, text type, variation, context, meaning. Skills: reading, listening, speaking and writing. Links to TOK: travels, reality television, informative pieces on television and reliability of information, fake news, the internet, human knowledge.	Topic: Knowledge & Skills Summary: Conceptual understandings: context, purpose, audience, meaning, planning a text. Skills: reading, listening, speaking and writing. Links to TOK: culture, mental and physical health, managing a balance, prejudices.	Topic: Revision Program Knowledge & Skills Summary:	
Year 12 French B HL	Topic: Tourism and travel Knowledge & Skills Summary: Conceptual understandings: audience, purpose, text type, variation, context, meaning. Skills: reading, listening, speaking and writing. Links to TOK: travels, reality television, informative pieces on television and reliability of information, fake news, the internet, human knowledge. HL only: reading activity on <i>Voyages et autres déplacements</i> by Sylvie Massicotte (see Le Monde en Français, pp 93-94)	Topic: Knowledge & Skills Summary: Conceptual understandings: context, purpose, audience, meaning, planning a text. Skills: reading, listening, speaking and writing. Links to TOK: culture, mental and physical health, managing a balance, prejudices. HL only: reading activity on <i>Biographie de la faim</i> by Amélie Nothomb (see Le Monde en Français, pp 54-55).	Topic: Revision Program Knowledge & Skills Summary:	
Year 12 German ab initio SL	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation			
Year 12 German B SL	Topic: Sharing the Planet Knowledge & Skills Summary: Consequences of globalisation Consumer society and fair trade Influence of environmental concerns on daily life Relationship between travel and environment Global refugee situation Consequences of Germany quitting nuclear energy Grammar: adverbs, conjunctions, emotive language, indirect speech, future tense Skills: reading, listening, speaking and writing.	Topic: Togetherness Knowledge & Skills Summary: Tailored revision program for selected topics. Famous Germans German Literature Cultural influences worldwide Grammar: past tenses, informal/formal speech, word order in complex sentences Skills: reading, listening, speaking and writing.	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 German B HL	Topic: Sharing the Planet Knowledge & Skills Summary:	Topic: Togetherness Knowledge & Skills Summary:	Topic: Revision Program Knowledge & Skills Summary:	

Subject	Term 1	Term 2	Term 3	Term 4
	Consequences of globalisation Consumer society and fair trade Influence of environmental concerns on daily life Relationship between travel and environment Global refugee situation Consequences of Germany quitting nuclear energy Grammar: adverbs, conjunctions, emotive language, indirect speech, future tense Skills: reading, listening, speaking and writing. HL only: reading activity on Selected Poems	Tailored revision program for selected topics. Famous Germans German Literature Cultural influences worldwide Grammar: past tenses, informal/formal speech, word order in complex sentences Skills: reading, listening, speaking and writing. HL only: reading activity on Selected Poems	Exam revision and preparation	
Year 12 Japanese ab initio SL	Topic: Physical health / Eating and drinking Knowledge & Skills Summary: Physical health, Education, Leisure, Social issues, Weather, Seasons, Holidays, Festivals, Celebrations	Topic: Sharing the planet Knowledge & Skills Summary: Diet, Dining etiquette, Holidays, Transport, Physical geography, Physical health, Technology, Media, Social issues, Education, Personal relationships, The workplace	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Japanese B SL	Topic: What's your identity? Knowledge & Skills Summary: What constitutes identity? How do you express identity? What ethical challenges arise from living in the modern world? And how do we resolve them? Text formats: diary, interview, essay, email, blog, opinion column	Topic: For our peaceful future Knowledge & Skills Summary: What environmental and social issues present challenges to the world? and how can these challenges be overcome? How do the development in science and technology influence our lives? Text formats: Article, news report, opinion column, report, debate	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Japanese B HL	Topic: What's your identity? Knowledge & Skills Summary: What constitutes identity? How do you express identity? What ethical challenges arise from living in the modern world? And how do we resolve them? Text formats: diary, interview, essay, email, blog, opinion column HL: 蜘蛛の糸 / みかん 芥川龍之介 気まぐれロボット 星新一	Topic: For our peaceful future Knowledge & Skills Summary: What environmental and social issues present challenges to the world? and how can these challenges be overcome? How do the development in science and technology influence our lives? Text formats: Article, news report, opinion column, report, debate	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Latin B SL	Topic: Fate and Fortune Knowledge & Skills Summary: Vergil <i>Aeneid</i> 2	Topic: Fate and Fortune Knowledge & Skills Summary: Vergil <i>Aeneid</i> 2	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	

Subject	Term 1	Term 2	Term 3	Term 4
	Latin epic poetry Scansion Poetic devices	Latin epic poetry Scansion Poetic devices		
Year 12 Latin B HL	Topic: Fate and Fortune Knowledge & Skills Summary: Vergil <i>Aeneid</i> 2 Latin epic poetry Scansion Poetic devices	Topic: Fate and Fortune Knowledge & Skills Summary: Vergil <i>Aeneid</i> 2 Latin epic poetry Scansion Poetic devices	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Spanish ab initio SL	Topic: Spanish in the world Knowledge & Skills Summary: The workplace, Social Issues, Physical geography	Topic: Global Impact Knowledge & Skills Summary: The environment Global issues	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Business Management HL	Topic: Unit 4: Marketing Knowledge & Skills Summary: Role of marketing Marketing planning 4.3 Sales forecasting Market research Four Ps Extended marketing mix of 7Ps 4.7 International marketing 4.8 E-commerce	Topic: Unit 5: Operations Knowledge & Skills Summary: Role of operations management Production methods 5.3 Lean production and quality management 5.4 Location 5.5 Production planning Revision Program 5.6 Research and Development 5.7 Crisis management and contingency planning	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Digital Society HL	Topic: Our Political World, Governance and Human Rights, Digital Health Knowledge & Skills Summary: 4.6 Political 4.6A Political processes 4.6B Governing bodies 4.6C Conflicts and war 4.6D Laws, regulations and policies 5.5 Governance and human rights 5.2A Conflict, peace and security 5.2B Participation and representation 4.5 Health 4.4A Medicine and health 4.4B The human body 4.4C Mental health	Topic: Pre-release, Human Knowledge including the future of work Knowledge & Skills Summary: HL Pre-release 4.5 Human knowledge 4.5A Learning and education 4.5B Science and technology innovation 5.1 Global well-being 5.1C The future of work	Topic: Revision Program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Economics HL	Topic: The global economy Knowledge & Skills Summary: 4.1 Benefits of international trade (Detailed) 4.2 Types of trade protection (Refresher)	Topic: Macroeconomics, The global economy Knowledge & Skills Summary: 3.4 Economics of inequality and poverty 4.7 Sustainable development 4.8 Measuring development	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	

Subject	Term 1	Term 2	Term 3	Term 4
	4.3 Arguments for and against trade control/protection 4.4 Economic integration 4.4 Exchange rates (refresher & evaluation) 4.6 Balance of payments	4.9 Barriers to economic growth and/or economic development 4.10 Economic growth and/or economic development strategies		
Year 12 Information Technology in a Global Society HL	Topic: 7. IT Systems in Organisations 8. Case Study Knowledge & Skills Summary: 3.10 IT systems in organizations Focus on IT systems in Context: 2.1 Business and employment 2.6 Politics and government 9. Robotics, IA and Expert Systems	Topic: 10. ITGS Themes at home and in education Knowledge & Skills Summary: Students continue to focus on Case Study 3.11 Robotics, artificial intelligence and expert systems Context focus on 2.4 Health (diagnostic and therapeutic tools, medical research) Context focus on 2.6 Politics and government (military, law and order) Applications to specific scenarios (Social & Ethical) 2.2 Education and training 2.5 Home and Leisure	Topic: 11. ITGS Themes in the Environment and Health Revision Program Knowledge & Skills Summary: Students continue to focus on Case Study Applications to specific scenarios (Social impacts & Ethical considerations) 2.3 The Environment 2.4 Health Exam revision and preparation	
Year 12 Psychology HL	Topic: Option: The Psychology of human relationships Knowledge & Skills Summary: Determinants of health Bystanderism Pro social behaviour Promoting Pro Social behavior Research Methods Ethical considerations Co – operation and competition Prejudice and discrimination Origins of conflict and conflict resolution IA feedback IA due	Topic: Option: Abnormal Psychology Knowledge & Skills Summary: Factors influencing diagnosis <ul style="list-style-type: none"> • Normality versus abnormality • Classification systems • The role of clinical biases in diagnosis • Validity and reliability of diagnosis Etiology of abnormal psychology <ul style="list-style-type: none"> • Explanations for disorders (MDD) • Prevalence rates and disorders Treatment of disorders <ul style="list-style-type: none"> • Biological treatments • Psychological treatments • The role of culture in treatment • Assessing the effectiveness of treatment(s) Approaches to research Ethical considerations	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Biology SL	Topic: Evolution & biodiversity; Human physiology and systems	Topic: Human physiology and systems; Option A: Neurobiology and development	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	

Subject	Term 1	Term 2	Term 3	Term 4
	Knowledge & Skills Summary: 5.1 Evidence for evolution 5.2 Natural selection 5.3 Classification of biodiversity 5.4 Cladistics 6.1 Digestion and absorption 6.2 The blood system 6.3 Defence against infectious diseases	Knowledge & Skills Summary: 6.4 Gas exchange Mandatory practical 6 6.5 Neurons and synapses 6.6 Hormones, homeostasis and reproduction OPTION A A1 Neural development A2 The human Brain A3 Perception of stimuli		
Year 12 Biology HL	Topic: Plant Biology and Human Physiology Knowledge & Skills Summary: 9.1 Transport in the xylem of plants Mandatory Practical 7 9.2 Transport in the phloem of plants 9.3 Growth in plants 9.4 Reproduction in plants 6.1 Digestion and absorption 6.2 The blood system 6.3 Defence against infectious diseases 11.1 Antibody production and vaccination 6.4 Gas exchange	Topic: Human and Animal Physiology, Cell Metabolism and Photosynthesis Option A: Neurobiology and Behaviour Knowledge & Skills Summary: 6.5 Neurons and synapses 6.6 Hormones, homeostasis and reproduction Mandatory Practical 6 11.4 Sexual reproduction 11.2 Movement 11.3 The kidney and osmoregulation 8.1 Metabolism 8.2 Cell respiration 8.3 Photosynthesis A1 Neural development A2 The human Brain	Topic: Option A: Neurobiology and Behaviour Revision program Knowledge & Skills Summary: A3 Perception of stimuli A4 Innate and learnt behaviour A5 Neuropharmacology A6 Ethology Exam revision and preparation	
Year 12 Chemistry SL	Topic: Individual Investigation, Redox processes Knowledge & Skills Summary: Individual experimentation and write-up of Chemistry IA project Oxidation and reduction Electrochemical cells Compulsory prac: Experiments using a typical voltaic cell. Single replacement reactions in aqueous solutions	Topic: Organic Chemistry, Measurement and analysis, Option B: Biochemistry Knowledge & Skills Summary: 10.1 Fundamentals of organic chemistry 10.2 Functional group chemistry Compulsory prac: Construction of 3D models of organic molecules, Organic chemistry reaction pathway pracs 11.3 Spectroscopic identification of organic compounds B1. Introduction to biochemistry B2. Proteins and enzymes B3. Lipids B4. Carbohydrates B5. Vitamins B6. Biochemistry and the environment	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Chemistry HL	Topic: Individual Investigation, Redox processes Knowledge & Skills Summary:	Topic: Organic Chemistry, Measurement and analysis, Option B: Biochemistry	Topic: Option B: Biochemistry, Revision program Knowledge & Skills Summary:	

Subject	Term 1	Term 2	Term 3	Term 4
	Individual experimentation and write-up of Chemistry IA project 9.1 Oxidation and reduction 9.2 & 19.1 Electrochemical cells Compulsory prac: Experiments using a typical voltaic cell. Single replacement reactions in aqueous solutions	Knowledge & Skills Summary: 10.1 Fundamentals of organic chemistry 10.2 Functional group chemistry Compulsory prac: Construction of 3D models of organic molecules, Organic chemistry reaction pathway pracs 11.3 Spectroscopic identification of organic compounds B1. Introduction to biochemistry B2. Proteins and enzymes B3. Lipids B4. Carbohydrates B5. Vitamins B6. Biochemistry and the environment	B7. Proteins and enzymes B8. Nucleic Acids B9. Biological Pigments B10. Stereochemistry in Biomolecules Exam revision and preparation	
Year 12 Computer Science HL	Topic: Abstract data structures Knowledge & Skills Summary: 5.1 Abstract data structures D.4 Advanced program development Case Study Criterion C – Development	Topic: Abstract data structures II Knowledge & Skills Summary: 5.1 Abstract data structures D.3 Program development Case Study Criterion D – Functionality and extensibility of product Criterion E – Evaluation	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 ESS SL	Topic: Anthropocene Knowledge & Skills Summary: Internal Assessment (Data collection and draft) 8.1 Human population dynamics 8.2 Resource use in society 8.3 Solid domestic waste 6.1 Introduction to the atmosphere 7.2 Climate change – causes and impacts 6.2 Stratospheric ozone	Topic: Atmosphere and Climate Change Knowledge & Skills Summary: Internal Assessment (Final submission) 6.3 Photochemical smog 6.4 Acid deposition 7.1 Energy choices and security 7.3 Climate change – mitigation and adaptations 8.4 Human population and carrying capacity	Topic: Resource management and control; Revision program Knowledge & Skills Summary: 6.1 Resource management 7.1 Control Case Study Exam revision and preparation	
Year 12 Physics SL	Topic: Topic 7: Atomic, nuclear and particle physics Topic 8: Energy production Knowledge & Skills Summary: 7.2 – Nuclear reactions 7.3 – The structure of matter 8.1 – Energy sources 8.2 – Thermal energy transfer	Topic: Option D Astrophysics Knowledge & Skills Summary: Option D: Astrophysics	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Physics HL	Topic: Topic 11: Electromagnetic induction Topic 12: Quantum and nuclear physics Knowledge & Skills Summary:	Topic: Option D Astrophysics Knowledge & Skills Summary: 12.2 - Nuclear physics	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	

Subject	Term 1	Term 2	Term 3	Term 4
	11.1 - Electromagnetic induction 11.2 - Power generation and transmission 11.3 – Capacitance 12.1 - The interaction of matter with radiation	Option D: Astrophysics		
Year 12 Sport Exercise and Health Science HL	Topic: IA and Sports psychology Knowledge & Skills Summary: IA Planning Option B: Sports Psychology Topic 12 Genetics and athletic performance Practical work	Topic: Immunity, performance and Option C Physical activity and health Knowledge & Skills Summary: Topic 13 Exercise and immunity Option C: Physical activity and health Topic 9 Fatigue IA Practical Work	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Mathematics Applications & Interpretations SL	Topic: Representing Situations using Mathematics Knowledge & Skills Summary: 1.2 – 1.4 Sequences 1.7 Number and Finance 3.5, 3.6 Geometry	Topic: Quantifying Uncertainty and Validity Knowledge & Skills Summary: 4.5, 4.6 Probability 4.7 – 4.9 Probability distributions 4.11 Hypothesis Testing	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Mathematics Applications & Interpretations HL	Topic: Representing Space Knowledge & Skills Summary: AHL 3.14 - 3.16 Graph theory AHL 4.17 Probability distributions AHL 4.12, AHL 4.18 Hypothesis testing AHL 3.9 Geometry	Topic: Representing Multiple Outcomes Knowledge & Skills Summary: AHL 4.14, AHL 4.15, AHL 4.17 Probability distributions AHL 1.15, AHL 4.19 Matrices AHL 5.13 – 5.18 Applications of Calculus AHL 3.12, AHL 3.13 Vectors	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Mathematics Analysis & Approaches SL	Topic: Trigonometry II; Differentiation II; Probability Distributions Knowledge & Skills Summary: 3.6 – 3.8 Pythagorean Identity and Graphing 5.6 – 5.8 Calculus 4.7, 4.8 Probability distributions	Topic: Integration; Statistics II Knowledge & Skills Summary: 5.5, 5.9 – 5.11 Integration 4.10 – 4.12 Statistics 4.1-4.4, 4.10 Statistics I	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Mathematics Analysis & Approaches HL	Topic: Equivalent Systems of representation; Relationship in Space III; Modelling Change Knowledge & Skills Summary: HL 1.14* Complex Numbers II HL 2.13 - 2.14, 2.16 Functions III HL 5.12 – 5.15* Further Calculus	Topic: Modelling Space and Change Knowledge & Skills Summary: HL 3.14 – 3.18 Vectors II HL 5.15* - 5.17 Further Calculus II HL 1.15* Proof Revisited HL 5.18 – 5.19 Series and Differential Equations	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	
Year 12 Visual Art HL	Topic: Independent Practice 3 Knowledge & Skills Summary: I: Final review of CS.	Topic: Independent Practice 4 Knowledge & Skills Summary:	Topic: Independent Practice 5 Knowledge & Skills Summary: M: Review of CR structure,	

Subject	Term 1	Term 2	Term 3	Term 4
	J: Digital structure of Process Portfolio and selection and organisation of slides. Two more artworks completed	K: Selection and presentation of 8 artworks. Planning and curating exhibition. L: Review of PP. Two more artworks completed	N: Selection of artworks, artist's statements, documentation and uploading.	
Year 12 Theory of Knowledge	Topic: Area of Knowledge – History; Essay preparation; External Assessment Knowledge & Skills Summary: Students are required to plan an essay based on a previous prescribed title. Students are required to plan an essay in response to one of six prescribed titles that are issued by the IB for each examination session.	Topic: External Assessment – Essay Knowledge & Skills Summary: Students are required to write an essay in response to one of six prescribed titles that are issued by the IB for each examination session.	Topic: Revision program Knowledge & Skills Summary: Exam revision and preparation	

Assessment Map – Vertical Alignment

Subject	Term 1	Term 2	Term 3	Term 4
English Language and Literature				
Year 7 English Language and Literature	Biography	Character Speech	Picture Book	Poetry Anthology
Year 8 English Language and Literature	Group Documentary Proposal	Written Analysis	Genre Short Story	Persuasive Speech
Year 9 English Language and Literature	Poetry podcast	Novel Creative Response	Group Campaign	Written Analysis
Year 10 DPP English Language and Literature	Analytical Essay Exam	CAR Log Assignment Oral Presentation	Analytical Essay Exam	Oral Presentation HL Essay (HL only)
Year 11 English Language and Literature SL	Exam	Mini-Individual Oral #1 Exam	Mini-Individual Oral #2	Final Individual Oral Exam
Year 11 English Language and Literature HL	Exam	Mini-Individual Oral #1 Exam	Mini-Individual Oral #2	Final Individual Oral Exam
Year 12 English Language and Literature SL	Exam	Exam	Mock Exams	Final IB Exams
Year 12 English Language and Literature HL	HL Essay Exam	Exam	Mock Exams	Final IB Exams
Language Acquisition				
Year 7 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 8 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 9 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 7 Language Acquisition – Latin	Exam Stage Quizzes	Exam	Reading Journal Assignment	Assignment
Year 8 Language Acquisition – Latin	Exam Stage Quizzes	Exam	Reading Journal Assignment	Assignment
Year 9 Language Acquisition – Latin	Exam Stage Quizzes	Exam	Reading Journal Assignment	Assignment
Year 10 DPP French ab initio	Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Reading and Writing Exam
Year 10 DPP French	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 11 French ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Exam Reading and Writing Exam

Subject	Term 1	Term 2	Term 3	Term 4
Year 11 French B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 French B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 12 French ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Year 12 French B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 French B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 10 DPP German	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 11 German ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Listening Exam	Mock Individual Oral Writing Exam
Year 11 German B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 German B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 12 German ab initio SL	Mock Exams	Final IB Exams		
Year 12 German B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 German B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 10 DPP Japanese ab initio	Reading and Writing Exam	Listening Comprehension Exam Oral	Oral Reading and Writing Exam	Reading and Writing Exam
Year 10 DPP Japanese	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 11 Japanese ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 Japanese B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 Japanese B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 12 Japanese ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Year 12 Japanese B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 Japanese B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 10 DPP Latin	Term Exam	Research Dossier Term Exam	Mid Term Exam End Term Exam	Research Dossier Term Exam
Year 11 Latin B SL	Exam	Exam	Exam Research Dossier	Exam
Year 11 Latin B HL	Exam	Exam	Exam	Exam

Subject	Term 1	Term 2	Term 3	Term 4
			Research Dossier	
Year 12 Latin B SL	Exam	Exam Research Dossier	Mock Exams	Final IB Exams
Year 12 Latin B HL	Exam HL Composition	Exam Research Dossier	Mock Exams	Final IB Exams
Year 10 DPP Spanish	Reading and Writing Exam	Listening Comprehension Exam Oral	Oral Reading and Writing Exam	Reading and Writing Exam
Year 11 Spanish ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam
Year 12 Spanish ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Individuals and Societies				
Year 7 Individuals and Societies	Civics Infographic	Geography Report	Economics Exam	Historical Inquiry
Year 8 Individuals and Societies	Source Analysis Exam	Historical Inquiry Civics Exam	Economics Presentation	Geography Infographic
Year 9 I&S STEM Futures Elective: Forensic Psychology	Unit 1 Case Study	Unit 2 Crime Scene Practical Investigation Exam		
Year 9 I&S STEM Futures Elective: Cultural Revolution	Unit 1 Source Inquiry	Unit 2 Research Essay Unit 3 Exam		
Year 9 I&S STEM Futures Elective: The World in Your Pocket	Unit 1 Infographic	Unit 2 Product Presentation Exam		
Year 9 I&S STEM Futures Elective: Future of Global Cooperation	Unit 1 Extended Response	Unit 2 Inquiry Essay Unit 3 Exam		
Year 10 DPP Business Management (incl. STEM Futures Elective: Show Me the Money)	Exam	Exam	Exam	Exam
Year 11 Business Management HL	Exam	Exam Pre-IA Report	Exam	Exam
Year 12 Business Management HL	Exam Internal Assessment	Examination	Mock Exams	Final IB Exams
Year 10 DPP Economics (incl. STEM Futures Elective: Tragedy of the Commons)	Exam	Exam	Exam	Commentary
Year 11 Economics HL	Class Test Exam	Class Test Exam	Internal Assessment 1 Exam	Exam

Subject	Term 1	Term 2	Term 3	Term 4
Year 12 Economics HL	Internal Assessment 2 Exam	Internal Assessment 3	Mock Exams Internal Assessment Portfolio	Final IB Exams
DPP Digital Society HL (incl. STEM Futures Elective: Living in a Digital Society)	Exam	Exam	Project Exam	Exam
Year 11 Information Technology in a Global Society HL	Exam	Exam	Exam	Internal Assessment Exam
Year 12 Information Technology in a Global Society HL	Exam	Exam	Mock Exams	Final IB Exams
Year 10 DPP Psychology (incl. STEM Futures Elective: Inside Your Head)	Exam	Exam	Exam	Exam
Year 11 Psychology HL	Exam	In Class Exam Exam	Exam	Exam
Year 12 Psychology HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Sciences				
Year 7 Sciences	Case Study Exam	Exam IDU Assignment	Scientific Investigation	Project
Year 8 Sciences	Exam	Scientific Investigation	Exam	Project
Year 9 STEM Futures Elective: Biochemical Solutions	Unit 1 Knowledge and data test	Unit 2 In class independent scientific investigation Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: World of Reactions	Unit 1 Knowledge and data test In class independent scientific investigation	Unit 2 Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Medical Physics	Unit 1	Unit 2 In class independent scientific investigation Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Sustainable Futures	Unit 1 Field Studies Investigation	Unit 2 Assignment Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Fuelling the Planet	Unit 1 In class individual scientific investigation	Unit 2 Research Project Exam (assessing Unit 1 and 2)		
Year 10 DPP Biology (incl. STEM Futures Elective: Medical Biotechnology)	Laboratory Log Book Exam	Exam	Exam	Experimental Investigation Exam
Year 11 Biology SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam

Subject	Term 1	Term 2	Term 3	Term 4
Year 12 Biology SL & HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Year 10 DPP Chemistry (incl. STEM Futures Elective: Future Materials)	Exam	Research Assignment Exam	Experimental Investigation Exam	Exam
Year 11 Chemistry SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam
Year 12 Chemistry SL & HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Year 10 DPP Computer Science (incl. STEM Futures Elective: Computational Thinking)	Exam	Project Exam	Exam	Project Exam
Year 11 Computer Science HL	Exam	Exam	Internal Assessment Practice Exam	Exam
Year 12 Computer Science HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Year 10 DPP Environmental Systems & Societies (incl. STEM Futures Elective: Blue Planet)	Exam	Field Studies Booklet Exam	Exam	Experimental Investigation Exam
Year 11 ESS SL	Exam	Exam	Exam Internal Assessment Practice	Exam
Year 12 ESS SL	Exam	Exam Internal Assessment	Mock Exams	Final IB Exams
Year 10 DPP Physics (incl. STEM Futures Elective: Journey to Earth X)	Data Report Exam	Experimental Investigation Exam	Experimental Investigation Exam	Exam
Year 11 Physics SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam
Year 12 Physics SL & HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
DPP Sport Exercise and Health Science (incl. STEM Futures Elective: Peak Performance)	Exam	Project Exam	Exam	Exam
Year 11 Sport Exercise and Health Science HL	Exam	Exam	Exam	Internal Assessment Practice Exam
Year 12 Sport Exercise and Health Science HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Mathematics				
Year 7 Mathematics	Test 1	Assignment - Interdisciplinary	Investigation: How can we travel through dimensions?	Test - How do we measure up?

Subject	Term 1	Term 2	Term 3	Term 4
		Test 2- Investigation: how can we bring things together?		
Year 8 Mathematics	Investigation	Test 1 Test 2	Investigation Test 1	Assignment Test 2
Year 9 Mathematics	Investigation Test 1	Assignment Test 2	Assignment Test 1	Investigation Test 2
Year 10 DPP Mathematics	Investigation Exam	Exam	Exam	Exploration Exam
Year 11 Mathematics AI & AA SL & HL	Internal Assessment Practice Exam	Exam	Exam	Exam
Year 12 Mathematics AI & AA SL & HL	Internal Assessment (AI SL only) Exam	Internal Assessment (AA SL, AI & AA HL) Exam	Mock Exams	Final IB Exams
Arts				
Year 7 Arts: Visual Arts	Unit 1 – Responding Making	Unit 2 – Responding Making		
Year 7 Arts: Music	Unit 1 – Theory & Listening Test Skills Portfolio	Unit 2 – Composition Skills Folio		
Year 8 Arts: Visual Arts	Unit 1 – Responding Making	Unit 2 – Responding Making		
Year 8 Arts: Music	Unit 1 – Composition Skills Folio	Unit 2 – Composition Skills Folio		
Year 9 Arts STEM Futures Elective: Artists as Changemakers	Unit 1 Responding Making	Unit 2 Responding Making		
Year 9 Arts STEM Futures Elective: Soundtrack	Unit 1 Composition Skills Folio	Unit 2 Composition Skills Folio		
Year 10 DPP Visual Arts (incl. STEM Futures Elective: Unpacking the World Around Us)	Unit 1 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 2 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 3 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 4 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)
Year 11 Visual Art HL	Visual Diary Comparative Study – Context	Resolved Artwork Comparative Study – Comparisons	Visual Diary Comparative Study – Context	Comparative Study – Comparisons Resolved Artwork
Year 12 Visual Art HL	Comparative Study Final	Process Portfolio	Curatorial Rationale Exhibition	-
Design				
Year 7 Design	Portfolio	Portfolio		
Year 8 Design	Portfolio	Portfolio		
Year 9 Design STEM Futures Elective: Disrupting the Market	Report and Product	Report and Product Exam		
Year 9 Design STEM Futures Elective: Biomedical Engineering	Report and Product	Report and Product Exam		
Year 9 Design	Report and Product	Report and Product Exam		

Subject	Term 1	Term 2	Term 3	Term 4
STEM Futures Elective: Future of Automation				
Physical and Health Education				
Year 7 Physical and Health Education	Reflective Journal Practical	Biomechanics analysis project	Practical Cultural Presentation	Planning a fitness routine Analysis and evaluation of a fitness routine
Year 8 Physical and Health Education	Food Diary Analysis Practical	Training program design	Short response to first aid stimulus Practical	Exam Dance performance
Year 9 PHE STEM Futures Elective: Healthy Future	Unit 1 – Exam Unit 2 – Team training plan and evaluation, Practical skills assessment	Unit 3 Health promotion, Practical skills assessment		
Year 9 Arts STEM Futures Elective: Soundtrack	Unit 1 Composition Skills Folio	Unit 2 Composition Skills Folio		
Theory of Knowledge				
Year 11 TOK	Reflection	Reflection	Reflection	Reflections x 3 Exhibition (Internal Assessment)
Year 12 TOK	Practice Essay	Final Essay Draft	Essay (External Assessment)	

Assessment Map – Horizontal Alignment

Subject	Term 1	Term 2	Term 3	Term 4
Year 7				
Year 7 English Language and Literature	Biography	Character Speech	Picture Book	Poetry Anthology
Year 7 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 7 Language Acquisition – Latin	Exam	Exam Assignment	Exam	Exam
Year 7 Individuals and Societies	Civics Infographic	Geography Report	Economics Exam	Historical Inquiry
Year 7 Sciences	Case Study Exam	Exam IDU Assignment	Scientific Investigation	Project
Year 7 Mathematics	Test	Assignment - Interdisciplinary Test - Investigation	Investigation Test 1	Project Test 2
Year 7 Design	Report Report	Report Report		
Year 7 Physical and Health Education	Reflective Journal Practical	Biomechanics analysis project	Practical Cultural Presentation	Planning a fitness routine Analysis and evaluation of a fitness routine
Year 7 Arts: Visual Arts	Unit 1 – Responding Making	Unit 2 – Responding Making		
Year 7 Arts: Music	Unit 1 Theory & Listening Test Skills Portfolio	Unit 2 Composition Skills Folio		
Year 8				
Year 8 English Language and Literature	Group Documentary Proposal	Written Analysis	Genre Short Story	Persuasive Speech
Year 8 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 8 Language Acquisition – Latin	Exam	Exam	Exam	Exam
Year 8 Individuals and Societies	Source Analysis Exam	Historical Inquiry Civics Exam	Economics Presentation	Geography Infographic
Year 8 Sciences	Exam	Scientific Investigation	Exam	Project
Year 8 Mathematics	Investigation Test 1	Project	Inquiry Test 2	Project Test 3
Year 8 Design	Report Report	Report Report		
Year 8 Physical and Health Education	Food Diary Analysis Practical	Training program design	Short response to first aid stimulus Practical	Exam Dance performance
Year 8 Arts: Visual Arts	Unit 1 – Responding Making	Unit 2 – Responding Making		

Subject	Term 1	Term 2	Term 3	Term 4
Year 8 Arts: Music	Unit 1 – Composition Skills Folio	Unit 2 – Composition Skills Folio		
Year 9				
Year 9 English Language and Literature	Poetry podcast	Novel Creative Response	Group Campaign	Written Analysis
Year 9 Language Acquisition – all	Listening Exam Reading Exam	Interactive Oral Writing Exam	Listening Exam Reading Exam	Interactive Oral Writing Exam
Year 9 Language Acquisition – Latin	Exam	Exam	Exam	Exam
Year 9 I&S STEM Futures Elective: Forensic Psychology	Unit 1 Case Study Exam	Unit 2 Crime Scene Practical Investigation Case Study		
Year 9 I&S STEM Futures Elective: Cultural Revolution	Unit 1 Source Inquiry	Unit 2 Research Essay Unit 3 Exam		
Year 9 I&S STEM Futures Elective: The World in Your Pocket	Unit 1 Poster	Unit 2 Product Presentation Unit 3 Research Report		
Year 9 I&S STEM Futures Elective: Future of Global Cooperation	Unit 1 Extended Response	Unit 2 Inquiry Essay Unit 3 Exam		
Year 9 STEM Futures Elective: Biochemical Solutions	Unit 1 Knowledge and data test	Unit 2 In class independent scientific investigation Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: World of Reactions	Unit 1 Knowledge and data test In class independent scientific investigation	Unit 2 Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Medical Physics	Unit 1	Unit 2 In class independent scientific investigation Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Sustainable Futures	Unit 1 Field Studies Investigation	Unit 2 Assignment Exam (assessing Unit 1 and 2)		
Year 9 STEM Futures Elective: Fuelling the Planet	Unit 1 In class individual scientific investigation	Unit 2 Research Project Exam (assessing Unit 1 and 2)		
Year 9 Mathematics	Inquiry Test	Exploration Test	Exploration Test	Inquiry Test
Year 9 Design STEM Futures Elective: Disrupting the Market	Unit 1 Report Report	Unit 2 Report Exam		
Year 9 Design	Unit 1 Report	Unit 2 Report		

Subject	Term 1	Term 2	Term 3	Term 4
STEM Futures Elective: Biomedical Engineering	Report	Exam		
Year 9 Design STEM Futures Elective: Future of Automation	Unit 1 Report Report	Unit 2 Report Exam		
Year 9 PHE STEM Futures Elective: Healthy Future	Unit 1 – Exam Unit 2 – Team training plan and evaluation Practical skills assessment	Unit 3 Health promotion Practical skills assessment		
Year 9 Arts STEM Futures Elective: Artists as Changemakers	Unit 1 Responding Making	Unit 2 Responding Making		
Year 9 Arts STEM Futures Elective: Soundtrack	Unit 1 – Composition Skills Folio	Unit 2 – Composition Skills Folio		
Year 10				
Year 10 DPP English Language and Literature	Analytical Essay Exam	CAR Log Assignment Oral Presentation	Analytical Essay Exam	Oral Presentation HL Essay (HL only)
Year 10 DPP French ab initio	Reading and Writing Exam	Listening Comprehension Exam Oral	Oral Reading and Writing Exam	Reading and Writing Exam
Year 10 DPP French	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 10 DPP German	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 10 DPP Japanese ab initio	Reading and Writing Exam	Listening Comprehension Exam Oral	Oral Reading and Writing Exam	Reading and Writing Exam
Year 10 DPP Japanese	Term Exam	Listening Comprehension Exam Oral	Oral Writing Exam	Reading Exam
Year 10 DPP Latin	Term Exam	Research Dossier Term Exam	Mid Term Exam End Term Exam	Research Dossier Term Exam
Year 10 DPP Business Management (incl. STEM Futures Elective: Show Me the Money)	Exam	Exam	Exam	Exam
Year 10 DPP Economics (incl. STEM Futures Elective: Tragedy of the Commons)	Exam	Exam	Exam	Commentary
Year 10 DPP Digital Society (incl. STEM Futures Elective: Living in a Digital Society)	Exam	Exam	Project Exam	Exam
Year 10 DPP Psychology (incl. STEM	Exam	Exam	Exam	Exam

Subject	Term 1	Term 2	Term 3	Term 4
Futures Elective: Inside Your Head)				
Year 10 DPP Biology (incl. STEM Futures Elective: Medical Biotechnology)	Laboratory Log Book Exam	Exam	Exam	Experimental Investigation Exam
Year 10 DPP Chemistry (incl. STEM Futures Elective: Future Materials)	Exam	Research Assignment Exam	Experimental Investigation Exam	Exam
Year 10 DPP Computer Science (incl. STEM Futures Elective: Computational Thinking)	Exam	Project Exam	Exam	Project Exam
Year 10 DPP Environmental Systems & Societies (incl. STEM Futures Elective: Blue Planet)	Exam	Field Studies Booklet Exam	Exam	Experimental Investigation Exam
Year 10 DPP Physics (incl. STEM Futures Elective: Journey to Earth X)	Data Report Exam	Experimental Investigation Exam	Experimental Investigation Exam	Exam
DPP Sport Exercise and Health Science (incl. STEM Futures Elective: Peak Performance)	Exam	Project Exam	Exam	Exam
Year 10 DPP Mathematics	Investigation Exam	Exam	Exam	Exploration Exam
Year 10 DPP Visual Arts (incl. STEM Futures Elective: Unpacking the World Around Us)	Unit 1 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 2 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 3 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)	Unit 4 Art Folio (Critical Analysis, Process Portfolio, Resolved Artworks)
Year 11				
Year 11 English Language and Literature SL	Exam	Mini-Individual Oral #1 Exam	Mini-Individual Oral #2	Final Individual Oral Exam
Year 11 English Language and Literature HL	Exam	Mini-Individual Oral #1 Exam	Mini-Individual Oral #2	Final Individual Oral Exam
Year 11 French ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam
Year 11 French B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 French B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam

Subject	Term 1	Term 2	Term 3	Term 4
Year 11 German ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Listening Exam	Practice Individual Oral Writing Exam
Year 11 German B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 German B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 Japanese ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam
Year 11 Japanese B SL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 Japanese B HL	Oral Reading and Writing Exam	Listening Comprehension Exam Reading Exam	Oral Writing Exam	Listening Comprehension Exam Reading and Writing Exam
Year 11 Latin B SL	Exam	Exam	Research Dossier	Exam
Year 11 Latin B HL	Exam	Exam	Research Dossier	Exam
Year 11 Spanish ab initio SL	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam	Oral Reading and Writing Exam	Listening Comprehension Reading and Writing Exam
Year 11 Business Management HL	Exam	Exam	Exam	Exam
Year 11 Digital Society HL	Exam	Exam	Exam	Exam
Year 11 Economics HL	Class Test Exam	Class Test Exam	Internal Assessment 1 Exam	Exam
Year 11 Information Technology in a Global Society HL	Exam	Exam	Exam	Internal Assessment Exam
Year 11 Psychology HL	Exam	In Class Exam Exam	Exam	Exam
Year 11 Biology SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam
Year 11 Chemistry SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam
Year 11 Computer Science HL	Exam	Exam	Internal Assessment Practice Exam	Exam
Year 11 ESS SL	Exam	Exam	Exam Internal Assessment Practice	Exam
Year 11 Physics SL & HL	Exam	Internal Assessment Practice Exam	Exam	Exam
Year 11 Sport Exercise and Health Science HL	Exam	Exam	Exam	Internal Assessment Practice Exam
Year 11 Mathematics AI & AA SL & HL	Internal Assessment Practice Exam	Exam	Exam	Exam
Year 11 Visual Art HL	Visual Diary Comparative Study – Context	Resolved Artwork Comparative Study – Comparisons	Visual Diary Comparative Study – Context	Comparative Study – Comparisons Resolved Artwork
Year 11 TOK	Reflection	Reflection	Reflection	Reflections x 3 Exhibition (Internal Assessment)
Year 12				

Subject	Term 1	Term 2	Term 3	Term 4
Year 12 English Language and Literature SL	Exam	Exam	Mock Exams	Final IB Exams
Year 12 English Language and Literature HL	HL Essay Exam	Exam	Mock Exams	Final IB Exams
Year 12 French ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Year 12 French B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 French B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 German ab initio SL	Mock Exams	Final IB Exams		
Year 12 German B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 German B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 Japanese ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Year 12 Japanese B SL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 Japanese B HL	Oral Listening Comprehension Exam	Individual Oral Reading and Writing Exam	Mock Exams	Final IB Exams
Year 12 Latin B SL	Exam	Exam Research Dossier	Mock Exams	Final IB Exams
Year 12 Latin HL	Exam HL Composition	Exam Research Dossier	Mock Exams	Final IB Exams
Year 12 Spanish ab initio SL	Mock Individual Oral Listening and Reading Exam	Individual Oral Writing Exam	Mock Exams	Final IB Exams
Year 12 Business Management HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Year 12 Economics HL	Internal Assessment 2 Exam	Internal Assessment 3	Mock Exams Internal Assessment Portfolio	Final IB Exams
Year 12 Digital Society HL	Inquiry Project Exam	Exam	Mock Exams	Final IB Exams
Year 12 Information Technology in a Global Society HL	Exam	Exam	Mock Exams	Final IB Exams
Year 12 Psychology HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Year 12 Biology SL & HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Year 12 Chemistry SL & HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Year 12 Computer Science HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Year 12 ESS SL	Exam	Exam	Mock Exams	Final IB Exams

Subject	Term 1	Term 2	Term 3	Term 4
		Internal Assessment		
Year 12 Physics SL & HL	Internal Assessment Exam	Exam	Mock Exams	Final IB Exams
Year 12 Sport Exercise and Health Science HL	Exam	Internal Assessment Exam	Mock Exams	Final IB Exams
Year 12 Mathematics AI & AA SL & HL	Internal Assessment (AI SL only) Exam	Internal Assessment (AA SL, AI & AA HL) Exam	Mock Exams	Final IB Exams
Year 12 Visual Art HL	Comparative Study Final	Process Portfolio	Curatorial Rationale Exhibition	-
Year 12 TOK	Practice Essay	Final Essay Draft	Essay (External Assessment)	-

