



Queensland Academy
for Science Mathematics
and Technology

2023 SCHOOL PROFILE

OUR VISION

Inspiring great minds through the provision of a world-class education that nurtures personal excellence and develops young people who are able to contribute positively to an ever-changing world.

OUR MISSION

To achieve the International Baccalaureate aims of developing inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. Through the IB, we develop challenging programmes of international education and rigorous assessment. These programmes encourage our students to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

OUR VALUES

We value the ten aspirational qualities of the International Baccalaureate (IB) Learner Profile, which go beyond academic success to instil a sense of personal excellence, striving to improve in every aspect of our lives. The aim is not perfection but instead to achieve our potential; and flourishing as defined in positive psychology.

ADMINISTRATION

Kathryn Kayrooz
Principal

Tanya Haggarty
Associate Principal, Academic

Kerry Bullock
Associate Principal, Teaching and Learning

Katrina Judge
Guidance Officer, Careers

KEY DATES	Semester 1	Semester 2
	23 Jan - 23 June	10 July - 8 Dec
	Graduation	Results
	10 Nov 2023	Jan 2024

SCHOOL OVERVIEW

Founded in 2007

State, coeducational day school

Academic selective entry

International Baccalaureate
Middle Years and Diploma Programmes Curriculum



177
Class of 2023



1334
Total Enrolment



57
Cultures
Represented

100% of
students
accepted to
university

Ranked as a
high
performing
Australian
school

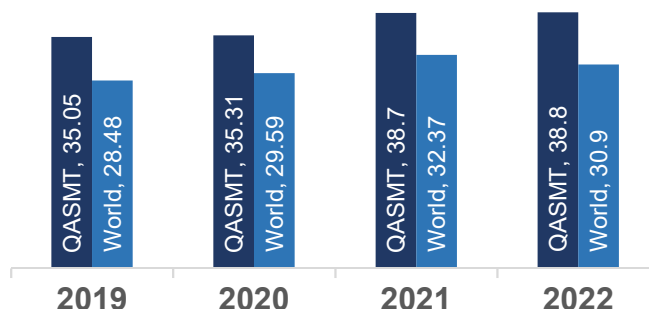
Consistently
5-6 IB points
above world
average

IB DIPLOMA SCORES 2022



- 5% scored IB45
- 33% scored IB42+
- 50% scored IB40+
- 97% scored IB30+

MEAN DIPLOMA SCORES



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Phone: +61 7 3377 9333 | Fax: +61 7 3377 9300 | Email: admin@qasmt.eq.edu.au

www.qasmt.eq.edu.au | CEEB Code: 700 010 | IB School Code: 003072





2023 SCHOOL PROFILE

Queensland Academy for Science Mathematics and Technology has a reputation for outstanding academic success. The Academy has been Queensland's top performing school in consecutive recent years (Better Education Ranking). Our graduates consistently exceed IB world average Diploma scores, placing our students amongst the top in the world.

SCHOOL COMMUNITY

- Queensland Academy for Science Mathematics and Technology (QASMT) is located in the metropolitan district of Brisbane, Australia and is a Queensland state school for highly capable students in Years 7 to 12.
- QASMT inspires high achieving students through exclusively offering the International Baccalaureate Middle Years Programme (IB MYP) and Diploma Programme (IB DP).
- Our staff employ a collaborative, co-teaching approach with a respectful relationship between teachers and students based on intellectual challenge and interdependent inquiry. Core teaching language is English.
- QASMT embraces the value of collaboration in learning through local, national and global partnerships including The University of Queensland (UQ), Positive Education Schools Association (PESA), the International Science School Network (ISSN), and the International Association for College Admission Counseling (IACAC).
- Our Academy aims to extend students' learning by blurring the line between school and university. The program is rigorous and was developed in partnership with The University of Queensland ensuring our students experience a smooth transition into tertiary education.

FACILITIES

- World class facilities including new STEM and Language Precincts, innovative learning spaces, architecturally designed Research Centre, university standard science laboratories, robotics and digital laboratories, 3D printing centre, makerspace facility, observatory, extensive music and sport facilities, wireless learning spaces and virtual classrooms.

PROGRAM HIGHLIGHTS

- A rich Co-curricular Program offering 55 activities including a wide range of activities such as: debating, robotics, astronomy, Duke of Edinburgh awards, theatre, music, arts, crafts, gardening, computing, clubs, games, sport, leadership, environmental and community service activities.
- An outstanding pastoral care and mentoring program with a focus on student welfare, health and wellbeing; ensuring all students reach their full potential.
- A unique partnership with The University of Queensland and other leading universities to provide enrichment opportunities which complement the IB curriculum.
- An enriching study tours program exploring history, culture, language, environment, health and exercise, linked with CAS, an integral part of the IB program. Experiences have included Europe, Japan, USA, and Australia (Perisher Ski Resort, the Snowy Mountains, Canberra, Adelaide).
- A bespoke STEM Futures program written in collaboration with university and industry, with a vision to deliver a future-focussed STEM curriculum that engages passionate, innovative learners capable of creating positive and sustainable change in the world.

Our Queensland Academy Pillars

- Nurturing the Development of High Achieving Students
- Selective Entry
- Unique Partnerships
- Innovative Delivery of a World Class Curriculum
- High Performing Staff

STUDYING WITH LIKE-MINDED STUDENTS

By challenging current approaches to teaching and learning, Queensland Academy for Science Mathematics and Technology (QASMT) enables students to learn from and with each other. The International Baccalaureate (IB) curriculum provides an environment in which students are not competing for a finite number of top scores.

PREPARATION FOR UNIVERSITY

The rigour of the IB curriculum with subjects such as an introduction to the Theory of Knowledge (TOK) and the Extended Essay (EE) (a research topic of the student's choosing), coupled with the style of education enables students to adjust more readily to university conditions.

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ACADEMIC INTEGRITY AND STUDENT CONDUCT

QASMT expects students to strive for excellence in all areas of life. They are expected to behave in an exemplary manner and to show respect and courtesy towards one another and members of the community. Honesty, personal integrity, and trust are paramount for students to succeed. This includes an expectation that students conduct themselves with academic honesty, in adherence with our Academic Integrity Policy.

CURRICULUM AND ACCREDITATION

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

- Year 7-8 Foundation Program
- Year 9-10 STEM Futures Program
- Year 11-12 Diploma Programme

QASMT offers the following qualification opportunities:

- IB MYP and DP accredited
- QCAA Queensland Certificate of Education (QCE)
- Vocational Education and Training (VET) qualifications: Certificate II Sampling and Measurement; Certificate III Laboratory Skills
- University subjects

GRADUATION REQUIREMENTS

Students must study six subjects: three at Standard Level (150 hours per subject), three at Higher Level (240 hours per subject). For award of the IB Diploma, students require:

- A minimum of 24 total points
- A minimum of 12 points across HL subjects
- A minimum of 9 points across SL subjects
- All **CAS**, **EE** and **TOK** requirements met

GRADING

- Achievement in each group subject is graded from a 7 (highest) to a 1 (lowest).
 - HL / SL subjects contribute equally to the overall Diploma score (i.e. no scaling).
 - Inner Core subjects, Theory of Knowledge and Extended Essay are graded from A to E.
 - CAS is graded as satisfactory or unsatisfactory.
 - A maximum score of 45 can be achieved in a Diploma.
- | | |
|---------------------------------|-------------------|
| 6 subjects x grading of up to 7 | = 42 points |
| TOK + Extended Essay points | = 3 points |
| | = 45 points total |
- GPA is calculated from the six group subjects
 - Ranks are not allocated

Diploma Subjects Offered

English Language and Literature SL/HL

Language A Literature SL

French Ab Initio SL

**French B SL/HL*

German Ab Initio SL (2023 only)

**German B SL/HL*

Japanese Ab Initio SL

**Japanese B SL/HL*

**Latin B SL/HL*

Spanish Ab Initio SL (2023 only)

Business Management HL

**Digital Society HL*

**Environmental Systems and Societies SL*

Economics HL

Information Technology in a Global Society HL
(2023 only)

Psychology HL

Biology SL/HL

Chemistry SL/HL

Computer Science HL

Physics SL/HL

Sports, Exercise and Health Science HL

Mathematics Analysis and Approaches SL/HL

Mathematical Applications and Interpretations
SL/HL

Visual Art HL

**2024 Cohort*

Mandatory IB Components

Theory of Knowledge (TOK)

Creativity, Activity, Service (CAS)

Extended Essay (EE)



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2023 SCHOOL PROFILE

UNIVERSITIES AND OTHER OFFERS

Our graduates from 2020-2022 were offered admission to leading institutions including:

AUSTRALIA

QUEENSLAND

Australian Catholic University
CQ University
Griffith College
Griffith University
James Cook University
Queensland University of Technology
Southern Cross University
TAFE Queensland
University of Queensland
UniSC
UniSQ

NEW SOUTH WALES AND ACT

Australian Catholic University
Australian National University
CQ University Sydney
Macquarie University
University of Canberra
University of Newcastle
University of Sydney
University of Technology Sydney
University of Wollongong
UNSW
Western Sydney University

SOUTH AUSTRALIA

Flinders University
The University of Adelaide
University of South Australia

TASMANIA

University of Tasmania

VICTORIA

Australian Catholic University
Charles Sturt University
CQ University online
Deakin University
La Trobe University
Monash University
RMIT
The University of Melbourne
Victoria University

ASIA

EUROPE

EHL Ecole Hoteliere de Lausanne

UNITED KINGDOM

University of Oxford
St George's University of London

UNITED STATES OF AMERICA

Denison University
Harvey Mudd College
Johns Hopkins University
Notre Dame University
Rochester University
Rose-Hulman Institute of Technology
Stevens Institute of Technology
The University of Alabama
University of Kansas
Washington University of St Louis

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