QUEENSLAND ACADEMIES
Science Mathematics & Technology Campus

Program
Open Day 2018
Thursday 22 February
4.00pm - 6.30pm

Open Day Schedule

MAP REF	TIME	OPEN DAY
3	4.00-5.15pm	Classroom Tours for prospective Year 10 families
20	4.00-5.30pm	SPARQ-ed display
19	4.00-5.30pm	Bright minds/Young Scholars workshop
PRESENTATIONS – LECTURE THEATRE		
18	4.15-4.45pm	Year 7 Enrolment address
18	5.15-5.45pm	Senior School - Year 10 Enrolment address

General Displays

4.00pm - 5.30pm and 5.45pm – 6.30pm

MAP REF	DISPLAYS AND Q & A		
1	Admissions Information - Year 7 Registration	**10**	International Baccalaureate
2	Admissions Information - Year 10 Registration	**11**	Language and Literature
3	Tours for prospective Year 10 families	**12**	The Arts
4	Co- Curricular Activities and Sport	**13**	Individuals and Societies
5	Heads of House and Year 7	**14**	Language Acquisition
6	Student Services	**15**	Sciences
7	QASMT Alumni	**16**	Mathematics
8	Parents and Citizens Association	**17**	Robotics
9	University of Queensland		

Bright Minds Young Scholars Workshop

Roll up! Roll up! The Science Circus II is in town! (Bright Minds Years 3/4 and Young Scholars Years 5/6)

Welcome to the Workshop: Observe our young students as they roll up their sleeves and get their hands dirty as they engage in a range of hands-on science experiments, designed to spark a natural sense of ***curiosity and wonder***.

Science Circus! This workshop seeks to:

- broaden student's conceptual understanding of the importance of ***reflection*** when working scientifically to construct meaning;
- actively challenge students to ***examine the evidence*** and ***draw conclusions*** based on their observations; and to,
- provide participants with the opportunity to develop ***co-operative learning skills,*** including focused instruction on developing ***cooperation, respect and empathy*** when working with others.

Classrooms in Action

Tours for prospective Year 10 families

4.00 pm - 5.15 pm

SUBJECT	SUBJECT DESCRIPTION
English- Language and Literature	Language A: Literature is a literature course that may be studied at a higher or standard level across a wide range of languages within the IB Diploma Programme. The course is studied over four parts and is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. Through the study of a wide range of novels, poetry, short stories and plays, the Language A: Literature course encourages students to engage with both the literary and cultural contexts of the works that they study. These contexts are assessed through a range or oral and written internal and external assessments across the two-year Diploma.
Japanese **French**	QASMT offers language acquisition courses (designed for non- background speakers) for French, German, Spanish and Japanese. All language courses are designed for beginners. By the end of the course students will be able to communicate clearly and effectively in a range of contexts and for a variety of purposes.
Business Management	The Diploma Programme business management course is designed to develop students' knowledge and understanding of business management theories, including finance and accounts, human resource and operations management and marketing. Students learn to analyse, synthesize and evaluate business activities at local, national and international levels through the application of a range of tools and techniques.
Economics	The Diploma Programme economics course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies.
Psychology	The Diploma Programme psychology course examines the interaction of biological, cognitive and sociocultural influences on human behaviour, thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed and applied enables students to achieve a greater understanding of themselves and appreciate the diversity of human behaviour.
Physics **Chemistry** **Biology**	Through studying any of these subjects, students should become aware of how scientists work and communicate with each other. While the scientific method may take on a wide variety of forms, it is the emphasis on a practical approach through experimental work that characterizes these subjects.
Computer Sciences	The Diploma Programme computer science course is an experimental science that offers a rigorous and practical problem-solving discipline, which, as a methodology, can be applied to all walks of life. Students gain an understanding of the fundamental concepts of computational thinking, problem-solving and programming, including Object-oriented programming (OOP) using Java as well as knowledge of how computers, networks and other digital devices operate. Students will liaise with clients to develop, implement and evaluate computational solutions.
Mathematics	The **Mathematics Standard Level (SL)** courses cater for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The **Mathematics Higher Level (HL**) course caters for students with a good background in mathematics who are competent in a range of analytical and technical skills. The **Mathematics Studies Standard Level (SL**) course caters for students with varied backgrounds and abilities and whose interests lie outside the area of mathematics.
Visual Art	The Diploma Programme Visual Arts course is designed to develop students' higher order thinking skills through problem solving, critical thinking and communicating concepts using a visual platform. Initially students learn to use a variety of artistic techniques and media to create artworks, and analyse and appraise their own work and the work of other artists. In their final year, students move into independent practice which allows them to create their own exhibition of artworks. In this course, students soon learn that the skills learnt in the visual arts support and compliment their learning across many disciplines.

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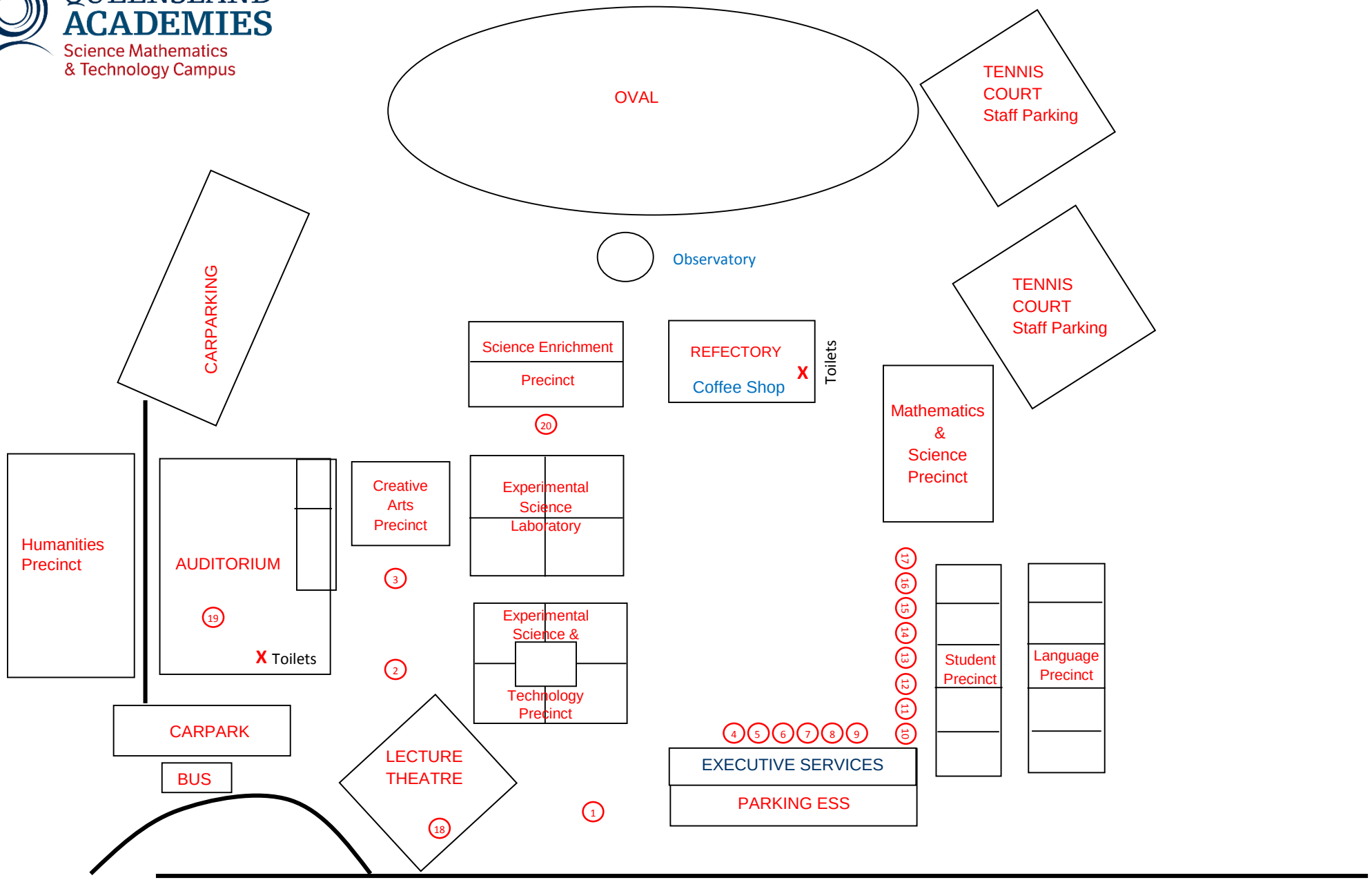

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