

WIDENING PARTICIPATION ACTIVITIES GUIDE 2019

www.qut.edu.au/about/equity/widening-participation

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“We had a great time today. It really helps kids like me thinking about the future and what we want to do when we are older.”

Student



Widening participation

QUT has a long-standing commitment to widening tertiary participation (WP) amongst under-represented groups, with a particular emphasis on improving the access and retention of low-income and Aboriginal and Torres Strait Islander students. We work in partnership with schools and communities through a wide range of outreach, admissions and support programs to increase aspiration, interest and access to post-school study.

With funding from the Federal Government's Higher Education Participation and Partnerships Program (HEPPP) we have been delivering WP activities since 2010, and have focussed our efforts on partner schools in the North Brisbane and Caboolture area.

Our approach is to tackle awareness, aspiration, achievement, affordability and access in an integrated way; to work in partnership with schools and communities and be led by their expertise; and to adopt a 'strengths-based approach' regarding students from low-income and Aboriginal and Torres Strait Islander backgrounds.



"The advertising program was interesting, related to students' current studies, and made students aware of the link between school and the real world."

Teacher

How can your school participate?

Our focus is our partnership schools with high enrolments of low-income and Aboriginal and Torres Strait Islander students. Schools can opt-in to as many programs as appropriate to their needs. These programs are free to our partnership schools.

The programs include opportunities to participate in our Explore Uni on-campus and residential camp programs, as well as a range of in-school programs. Our in-school programs cover a variety of curriculum-connected activities which showcase different study and career outcomes. There are also activities to develop generic study skills and career development. Some programs include professional development (PD) activities for teachers.

For a list of QUT WP partner schools contact the WP Coordinator. Non-partner schools may still be able to participate in some of the listed activities at a cost.

For more information please contact the Widening Participation Coordinator at equityenq@qut.edu.au



"This is a fantastic program with outstanding staff and associates to assist schools in advancing the skills of our future scientists, technologists and designers."
Teacher

How to use this guide

Activities listed in this guide are grouped as **in-school** (able to be completed at your school) or **on-campus** (delivered at one of three campuses).

These activities are offered to our WP partner schools.

The **in-school activities** are listed by school year level on pages 7–12. Once you have identified your preferred activities, in-depth information and contact details can be found in the tables on pages 13–27. If you would like to book multiple sessions, contact the Explore Uni team to discuss timing and coordination.

On-campus activities, including Explore Uni, are listed on pages 28–42 and differ from the in-school activities. These activities can be undertaken as part of an Explore Uni day, or during an independent visit to the university. If you would like to find out more about on-campus activities please contact the Explore Uni team, or the relevant contact person listed on pages 28–42.

Career development: page 6

In-school activities by year level: pages 7–12

In-school activities in detail: pages 13–27

On-campus activities: pages 28–42

Contact information: page 43

You can view this menu online at www.qut.edu.au/about/equity/widening-participation

If you require further information contact the Explore Uni Team by phoning 07 3138 8766 or by email at exploreuni@qut.edu.au



“Hearing the Ambassadors’ stories made me realise some people had overcome far greater obstacles than mine and made it to uni; therefore I could too... I was able to ask a million questions that no one in my family had answers to.”

Former Explore Uni attendee and Ambassador

Career development in schools

Contact the Your Future Careers Team

P 07 3138 8766 | E yourfuture@qut.edu.au
www.facebook.com/yourfuturecareer

Our *Your Future Careers Team*, based at USC/ TAFE's Caboolture campus, provides a range of services to support guidance officers, teachers, students and parents. Our key aims are to assist students to make informed choices about their future. The team:

- ▶ embed career development in all widening participation activities
- ▶ value-add to existing school careers programs
- ▶ provide professional development opportunities for teachers and parents
- ▶ provide one-on-one career counselling to support students who need additional guidance around pathways and career options
- ▶ provide sessions for parents to empower them with knowledge to better link their child to possible careers and navigate subject selection, ATARs, OPs, Ranks and pathways to further education, training and employment
- ▶ provide a range of appropriate career resources (including professional development opportunities) to assist teachers, parents, students and the wider community.

The *Your Future Careers Team* has services and resources to suit students at every stage of their career development journey. The accompanying table illustrates the scaffolded programs we can provide to assist students, parents and teachers.

Programs and activities	Details
Curriculum-connected workshops and resources <i>Recommended for Years 6–12</i>	We can provide schools with help to embed career development in the curriculum and develop appropriate resources for your students in line with the Australian Blueprint for Career Development.
Support for Teachers <i>Recommended for teachers and guidance officers</i>	Career development training or workshops, along with career-related resources, for teachers and Guidance Officers. Online resources are available at www.projectu.com.au/guides
Support for Parents <i>Recommended for parents</i>	Resources and workshops, such as Parents as Career Transition Supports (PACTS) workshops www.youthconnect.com.au/career-transition-programs/pacts to assist parents to effectively support their children's career decisions and transitions within the secondary school system and beyond, as well as their own career development. Online resources for parents available at www.projectu.com.au/parents
Tertiary information sessions <i>Recommended for Year 12</i>	Presentations to parents and students about how to apply through QTAC, choosing preferences, alternative entry programs, pathways, EAS (Educational Access Scheme), and scholarships and financial support. Email exploreuni@qut.edu.au to book sessions.
One-to-one career counselling <i>Recommended for all</i>	One hour individual career counselling for students, parents and community members in the Moreton Bay region who need additional guidance around pathways and career options and access to events and information. Sessions are free, confidential, impartial and cover work and study options for universities, TAFE and work readiness. Held at USC Caboolture or Moreton Bay Regional Council Libraries. To book sessions phone 3138 8766.
Career development workshops <i>Recommended for all</i>	We provide community programs throughout the year via the Moreton Bay Regional Council Libraries. These include career development programs, job search skills and study skills workshops. Visit www.moretonbay.qld.gov.au/events
On-line resources <i>Recommended for all</i>	Find the latest information at www.facebook.com/yourfuturecareer and visit www.projectu.com.au/careerhub (for Years 4–12).

"I have learnt more practical applications that I can take back to school from your workshops than any professional development that I have previously completed."

Teacher

What can you do in-school?

Career Development

On offer:

- ▶ Curriculum-connected Workshops

For information and availability see page 6

Business

On offer:

- ▶ Advertising and Marketing: Zest Agency
- ▶ Entrepreneurship: The Business of Burgers

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]*
- ▶ Artwork in a Box*
- ▶ Dance
- ▶ Filmmaking
- ▶ Graphic Novel Writing
- ▶ Slam Poetry

For information and availability see pages 16–17

Education

On offer:

- ▶ Teachers Make it Happen

For information and availability see page 18

Health

On offer:

- ▶ Exercise
- ▶ Nutrition and Dietetics
- ▶ Psychology
- ▶ Social Work

For information and availability see pages 19–20

Law and Justice

On offer:

- ▶ Politician for a Day

For information and availability see page 21

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ National Science Week Celebrations (Year 6 only)
- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures*
- ▶ Support for school-hosted transition days

For information and availability see pages 22–27

*Year 7 only



What can you do in-school?

Career Development

On offer:

- ▶ Curriculum-connected Workshops
- For information and availability see page 6**

Business

On offer:

- ▶ Advertising and Marketing: Zest Agency
- ▶ Entrepreneurship: The Business of Burgers
- ▶ Entrepreneurship and Management: The Apprentice
- ▶ Public Relations: Jurassic World

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]
- ▶ Artwork in a Box
- ▶ Dance
- ▶ Filmmaking
- ▶ Graphic Novel Writing
- ▶ Slam Poetry
- ▶ Visual Art: Digital Portraits

For information and availability see pages 16–17

Education

On offer:

- ▶ Sensory Sim: Teaching to the Senses

For information and availability see page 18

Health

On offer:

- ▶ Exercise
- ▶ Nutrition and Dietetics
- ▶ Optometry
- ▶ Podiatry
- ▶ Psychology
- ▶ Social Work

For information and availability see pages 19–20

Law and Justice

On offer:

- ▶ Politician for a Day

For information and availability see page 21

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures
- ▶ Support for school-hosted transition days

For information and availability see pages 22–27



“Students always returned with positive feedback, and could give me details of their lessons”.

Teacher



What can you do in-school?

Career Development

On offer:

- ▶ Curriculum-connected Workshops
- For information and availability see page 6**

Business

On offer:

- ▶ Economics: Survivor
- ▶ Entrepreneurship: The Business of Burgers
- ▶ Entrepreneurship and Management: The Apprentice
- ▶ Public Relations: Jurassic World

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]
- ▶ Artwork in a Box
- ▶ Dance
- ▶ Filmmaking
- ▶ Graphic Novel Writing
- ▶ Slam Poetry
- ▶ Visual Art: Digital Portraits

For information and availability see pages 16–17

Education

On offer:

- ▶ Sensory Sim: Teaching to the Senses

For information and availability see page 18

Law and Justice

On offer:

- ▶ Politician for a Day

For information and availability see page 21

Health

On offer:

- ▶ Exercise
- ▶ Nutrition and Dietetics
- ▶ Optometry
- ▶ Podiatry
- ▶ Psychology
- ▶ Social Work

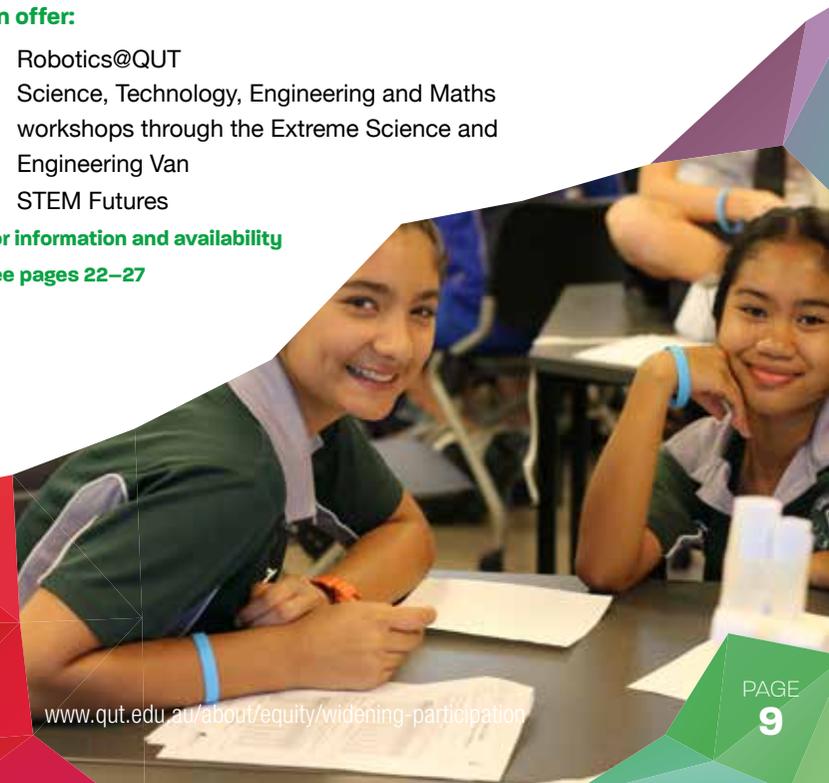
For information and availability see pages 19–20

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures

For information and availability see pages 22–27



“I loved seeing the organisms moving under the microscope.”
Student

“Workshop structure, organisation and content were perfect.”
Teacher

What can you do in-school?

Career Development

On offer:

- ▶ Year 10 students can get assistance with SET planning, Year 10 teachers can participate in Support for Teachers.

For information and availability see page 6

Study Skills Development

On offer:

- ▶ Study Skills Workshops for Students

For information and availability see page 13

Business

On offer:

- ▶ Economics: Survivor
- ▶ Entrepreneurship and Management: The Apprentice
- ▶ International Business: The Amazing Race
- ▶ Public Relations: Jurassic World

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]
- ▶ Artwork in a Box
- ▶ Dance
- ▶ Filmmaking
- ▶ Graphic Novel Writing
- ▶ Slam Poetry
- ▶ Visual Art: Digital Portraits

For information and availability see pages 16–17

Education

On offer:

- ▶ Going to School: Sell it to me!

For information and availability see page 18

Health

On offer:

- ▶ Biomedical Science
- ▶ Exercise
- ▶ Optometry
- ▶ Podiatry
- ▶ Psychology
- ▶ Social Work

For information and availability see pages 19–20

Law and Justice

On offer:

- ▶ Mock Trial

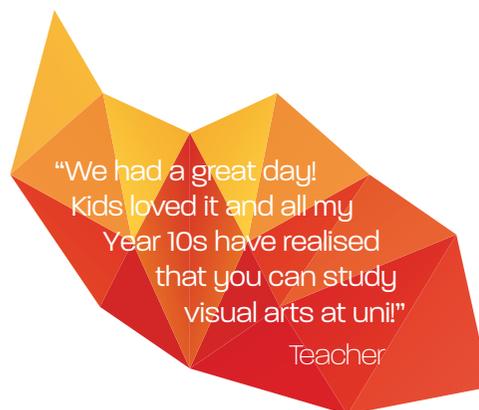
For information and availability see page 21

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures

For information and availability see pages 22–27



What can you do in-school?

Career Development

On offer:

- ▶ Support for parents and teachers
- ▶ Other tailored programs

For information and availability see page 6

Study Skills Development

On offer:

- ▶ Study Skills Workshops for Students

For information and availability see page 13

Business

On offer:

- ▶ Economics: Survivor
- ▶ International Business: The Amazing Race

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]
- ▶ Artwork in a Box
- ▶ Dance
- ▶ Filmmaking
- ▶ Graphic Novel Writing
- ▶ Slam Poetry
- ▶ Visual Art: Digital Portraits

For information and availability see pages 16–17

Education

On offer:

- ▶ Going to School: Sell it to me!

For information and availability see page 18

Health

On offer:

- ▶ Biomedical Science
- ▶ Exercise
- ▶ Optometry
- ▶ Podiatry
- ▶ Psychology

For information and availability see pages 19–20

Law and Justice

On offer:

- ▶ Mock Trial

For information and availability see page 21

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures

For information and availability see pages 22–27



What can you do in-school?

YEAR 12 WORKSHOPS – REINFORCING YOUR MESSAGES

These 45-60 minute workshops are designed to reinforce the messages teachers deliver throughout Year 12 about transitioning into the workforce, or further education or training after Year 12.

The topics included in each workshop are: understanding local trends of employment and education, making a plan for life after year 12; understanding how to apply for jobs, TAFE and university (navigating QTAC); knowing the costs (Centrelink, scholarships & university or TAFE costs); and, finding out about post-school options.

For more information contact Explore Uni by phone on 3138 8766 or email exploreuni@qut.edu.au

Career Development

On offer:

- ▶ Support for parents and teachers
- ▶ Tertiary Information Sessions
- ▶ Other tailored programs

For information and availability see page 6

Study Skills Development

On offer:

- ▶ Study Skills Workshops for Students

For information and availability see page 13

Business

On offer:

- ▶ Economics: Survivor
- ▶ International Business: The Amazing Race

For information and availability see pages 14–15

Creative Industries

On offer:

- ▶ ART/WORK [Online]
- ▶ Artwork in a Box

For information and availability see pages 16–17

Education

On offer:

- ▶ Going to School: Sell it to me!

For information and availability see page 18

Health

On offer:

- ▶ Biomedical Science
- ▶ Exercise
- ▶ Optometry
- ▶ Podiatry
- ▶ Psychology

For information and availability see pages 19–20

Law and Justice

On offer:

- ▶ Mock Trial

For information and availability see page 21

STEM (Science, Technology, Engineering and Maths)

On offer:

- ▶ Robotics@QUT
- ▶ Science, Technology, Engineering and Maths workshops through the Extreme Science and Engineering Van
- ▶ STEM Futures

For information and availability see pages 22–27

Find out more: in-school activities

Study Skills Development				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Study skills workshops for students:</p> <ul style="list-style-type: none"> Referencing with cite write Researching for assignments Researching for legal studies 	<p>Relevant to all school subjects.</p> <p>Our staff can work with either students and/or teachers to update their skills.</p>	<p>Available all year</p>	<p>Years 10 to 12</p>	<p>Library Schools' Program www.library.qut.edu.au/services/community/schools/activities.jsp</p>

"It was very inspiring and first time I have really seen the Year 12 students keen to find out more information about uni as well as scholarships available. They were excited to meet your team and have one-on-one discussions."
 Teacher

"I think that uni is a massive place, but it sounds very interesting. There are lots of different courses that you could take. It looks scary, but it sounds like fun."
 Student



Find out more: in-school activities

Business				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Advertising and Marketing: Zest Agency</p> <p>Using creative thinking, students will develop a product and an advertising campaign that hooks their audience and promotes their item to the world.</p>	Relevant to students with an interest in advertising and marketing.	Available all year 45–60 minutes	Years 6 to 8	<p>QUT Business School Widening Participation wp.business@qut.edu.au 07 3138 8766</p>
<p>Economics: Survivor</p> <p>Using management, economics and strategy skills, students will work with a tribe to outwit, outplay and outlast their opponents. Students will apply skills that businesses use every day to select the right people for the job and develop winning tactics.</p>	Relevant to students taking Business Principles or with an interest in economics.	Available all year 45–60 minutes	Years 9 to 12	
<p>Entrepreneurship: The Business of Burgers</p> <p>As business executives, students will develop strategies to enter the market with their own burger chain. This workshop engages students to think about areas of business such as entrepreneurship, management, advertising and marketing.</p>	Relevant to students taking Business Principles.	Available all year 45–60 minutes	Years 6 to 9	
<p>Entrepreneurship and Management: The Apprentice</p> <p>Students will use innovative ideas and business strategies to become entrepreneurs. Teams will develop a campaign to make the most money for their charity to avoid getting “fired”.</p>	Relevant to students taking Business Principles.	Available all year 45–60 minutes	Years 8 to 10	
<p>International Business: The Amazing Race</p> <p>Students undertake a “race around the world” to discover how external factors such as culture and international influences affect business practice. Using their advertising and marketing skills, students will design an international campaign that promotes a product to the world.</p>	Relevant to students taking Business Principles.	Available all year 45–60 minutes	Years 10 to 12	

Find out more: in-school activities

Business continued...				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Public Relations: Jurassic World</p> <p>As a Public Relations team, students will manage the image and reputation of Jurassic World Luxury Resort by developing a Public Relations campaign to deal with an impending crisis. Will their marketing, advertising and management skills be enough to keep the Park in business?</p>	Relevant to students taking Business Principles.	Available all year 45–60 minutes	Years 8 to 10	<p>QUT Business School Widening Participation wp.business@qut.edu.au 07 3138 8766</p>



Find out more: in-school activities

Creative Industries – QUT Precincts (QUT Art Museum, William Robinson Gallery, Old Government House, and The Cube)				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>ART/WORK [Online]</p> <p>ART/WORK is a series of 4-minute-long webisodes featuring the career and study pathways of Queensland creatives working across a multitude of roles in the visual arts sector. This series is designed as a resource for students, their parents, teachers and guidance officers to augment learning in the classroom.</p> <p>Career talks with QUT visual art staff or alumni at your school are available for booking on request.</p> <p>Watch now www.artmuseum.qut.edu.au/schools/artwork.jsp</p>	Visual Art and Careers.	Online	Years 7 to 12	<p>Pia Robinson QUT Precincts Widening Participation Programs Officer 3138 8075 pia.robinson@qut.edu.au artmuseum.qut.edu.au</p>
<p>Artwork in a box</p> <p><i>Artwork in a box</i> brings artworks and activities directly to you for a unique in-classroom art experience. Schools can select from <i>Artwork in a box: Alfredo and Isabel Aquilizan</i> or <i>Artwork in a box: William Robinson</i>. Students will observe and discuss the artworks; gain an understanding of the art practice of significant contemporary Australian artists; role play to deepen their understanding of a range of careers within the visual arts including the art installer, conservator and artist; and create their very own artworks.</p>	Visual Art, Design, History, SOSE, Sustainability, and Careers.	On demand 70 minutes – 2 hours and 20 minutes	Years 7 to 12	
<p>Check out our on-campus programs – if you can't come to us, we will come to you. We are bringing the following programs into schools by demand:</p> <ul style="list-style-type: none"> • Stitch your future • Stitch your stories • Circuit breaker • Designer for a day 	Various	Various	Years 7 to 12	

Find out more: in-school activities

Creative Industries				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Dance</p> <p>Make your movements meaningful. Students learn the importance of characterisation for choreography and how to develop their own dance routines. Dance styles can include hip hop, jazz and/or contemporary choreography playing with the idea of character.</p>	<p>Relevant to students taking performing arts.</p> <p>Can be adapted to fit current curriculum.</p>	<p>2–4 hours</p> <p>Flexible session delivery in consultation with teachers</p>	<p>Years 5 to 11</p> <p>Up to 30 students</p>	<p>Emma Felton Widening Participation Coordinator 3138 0152 e.felton@qut.edu.au</p>
<p>Filmmaking</p> <p>Filmmaking is a powerful means of communication and can also be used to introduce students to the genre of documentaries. Students learn the basics of narrative structure, framing and editing to create short films about an issue of interest. Simple computer software such as iMovie is used.</p>	<p>Relevant to students taking Media and English.</p>	<p>2–4 hours</p> <p>Flexible session delivery in consultation with teachers</p>	<p>Years 6 to 11</p> <p>Up to 30 students</p>	
<p>Graphic Novel Writing</p> <p>Using examples of visual and verbal communication, popular comics, and graphic interpretations of classics such as Romeo and Juliet, students develop their own graphic novel, blending visual art and story writing.</p>	<p>Relevant to students taking English, Film and TV, Drama, Social Studies, History and Visual Art.</p> <p>Can be adapted to fit current curriculum.</p>	<p>4 hours</p> <p>Flexible session delivery in consultation with teachers</p>	<p>Years 6 to 11</p> <p>Up to 25 students</p>	
<p>Slam Poetry</p> <p>It's your world, your voice! Students learn how to voice the concerns of their generation through slam poetry. Drawing on their passions and concerns, students write and perform a poem that makes people think.</p>	<p>Relevant to students taking English, Drama, Social Studies and History.</p> <p>Can be adapted to fit current curriculum.</p>	<p>2–4 hours</p>	<p>Years 5 to 11</p> <p>Up to 30 students</p>	
<p>Visual Art: Digital Portraits</p> <p>Move beyond the traditional and embrace the digital. Students are introduced to the fundamentals of image-making as a creative art process using Adobe Photoshop and iMovie. They will discover what makes an image or video unique, and how to think like an artist or curator when making and displaying images. Students will produce an artwork based on digital manipulation.</p>	<p>Relevant to students taking Film, Television, New Media and Visual Arts.</p> <p>Can be adapted to fit current curriculum.</p>	<p>2–4 hours</p> <p>Flexible session delivery in consultation with teachers</p>	<p>Years 8 to 11</p> <p>Up to 30 students</p>	

Find out more: in-school activities

Education				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Going to School: Sell it to me!</p> <p>Australia we have a problem. School attendance rates have dropped below 50%. Half of the students and parents in the country think school isn't worth attending. You are a teacher selected as part of an elite team to sell the idea of school back to the people of Australia. What will you tell them? What kind of advertising will you create? Students will need to research and articulate the value of education.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes	Years 10 to 12 Up to 30 students	<p>QUT Education events edu.events@qut.edu.au</p>
<p>Sensory Sim: Teaching to the Senses</p> <p>All children deserve an education. So what happens when you have to teach someone without sight, or without hearing? Students will have some fun trying out different teaching ideas and modes with students who might not have use of all of their senses.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes	Years 8 and 9 Up to 30 students	
<p>Teachers Make it Happen</p> <p>Teachers work in so many different places with so many different children – and not everything they need is always available. What happens when your group doesn't have all the materials you need to complete the challenge? Will you get there in time? What will it take to make this happen? Students will need to negotiate, lead, follow, and network their way to the end of this challenge and in doing so will gain insight in to how teachers work every day.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes	Years 6 and 7 Up to 30 students	



Find out more: in-school activities

Health				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Biomedical Science</p> <p>These interactive workshops are led by QUT staff within the School of Biomedical Sciences. Students have the opportunity to participate in a variety of laboratory testing activities such as analysing blood glucose levels and identifying blood types. Please contact us for activity specifics.</p>	Relevant to students taking Biology and Science.	Subject to availability all year 60 minutes	Years 10 to 12 Up to 30 students	<p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>
<p>Exercise</p> <p>Led by an Exercise Physiology graduate, our team of students from Exercise Science and Clinical Exercise Physiology can deliver hands-on interactive activities for any age group. Through physical activity, students can gain an understanding of the various forms of exercise testing, ways to improve sports performance, and improve general health.</p>	Relevant to students taking Health and Physical Education, Science and Biology.	Subject to availability all year 1 hour minimum Suitable clothing required (i.e. shorts, hat).	Years 6 to 12 Up to 30 students	
<p>Nutrition and Dietetics</p> <p>These interactive workshops are supervised by a Dietetics graduate, and run by Nutrition and Dietetics students. Activities can provide general nutrition information relevant to the age group, such as healthy breakfast choices, foods for improved performance, and sugar content in common food and drink choices.</p>	Relevant to students focused on health and physical education, and future studies in nutrition, dietetics, food science or public health.	Subject to availability all year 45–60 minutes	Years 6 to 9 Up to 30 students	
<p>Optometry</p> <p>Students are given an understanding of what an Optometrist does and the type of diseases Optometrists treat. They will have the opportunity to simulate what it is like to have a visual impairment, as well as testing each other's vision, depth perception and colour vision.</p>	Relevant to students taking Biology and Science.	Subject to availability all year 45–60 minutes	Years 8 to 12 Up to 30 students	

Find out more: in-school activities

Health continued...				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Podiatry</p> <p>This activity introduces some of the hands-on aspects of podiatry including patient assessment, biomechanics, problem-solving and treatment options. Students are given an overview of the high tech equipment used in clinical podiatry. The activity is delivered by a QUT clinician and podiatry students demonstrating various tools for assessments.</p>	Relevant to students taking Biology, Science, Health and Physical Education.	Subject to availability all year 60 minutes	Years 8 to 12 Up to 30 students	<p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>
<p>Psychology</p> <p>Students are informed about the role of a psychologist and are introduced to the power of the human brain through a variety of activities.</p>	Relevant to students taking Biology and Science.	Subject to availability all year 60 minutes	Years 6 to 12 Up to 30 students	
<p>Social Work</p> <p>This interactive workshop allows students to explore the role of social workers in a diverse range of settings and the important role they have in advocating for social justice and human rights in our society. Students will also work with each other to identify their strengths and learn about the importance of social inclusion.</p>	Relevant to students taking Studies of Society & Environment, Social & Community Studies, Health Education, Study of Society, Aboriginal & Torres Strait Islander Studies, and Early Childhood Studies.	Subject to availability all year 60 minutes	Years 6 to 10 Up to 30 students	



Find out more: in-school activities

Law and Justice				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Mock Trial</p> <p>Mock trials based on fairy tales allow students to play parts of judges, the bailiff, witnesses, defence counsel and prosecution counsel, alleged guilty party and jurors. This interactive activity enables students to question witnesses and the alleged guilty party; understand the court process and be introduced to legal terminology.</p>	<p>Relevant to students taking Legal Studies or SOSE.</p>	<p>Available all year 50 minutes</p> <p>Can be delivered as an after school program or flexible session delivery in consultation with teachers.</p>	<p>Years 10 to 12 (can be adapted for other year levels)</p>	<p>Sonya Law Widening Participation Coordinator 3138 7343 sonya.law@qut.edu.au</p>
<p>Politician for a Day</p> <p>Students have the opportunity to propose new school rules and form opposing parties to debate whether the rules should be passed. Students experience first-hand the democratic voting system through brainstorming, problem solving, team work and public speaking.</p>	<p>Relevant to students undertaking Studies of Society and Environment (SOSE).</p>	<p>Available all year 50 minutes</p> <p>Can be delivered as an after school program or flexible session delivery in consultation with teachers.</p>	<p>Years 6 to 9</p>	



“The Ambassadors had a good knowledge overall as well as aspects of uni outside their own fields of study. They were approachable and friendly.”

Teacher

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Extreme Science and Engineering Van – Primary School Workshops				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Earth Under the Microscope</p> <p>Students investigate how rocks and soils change as a result of natural processes. Students examine samples using microscopes and test rocks and soils to learn more about their characteristics.</p>	Relevant to year 4 students (ACSSU075)	Available in term times 1 hour (can be adapted to meet school needs)	Year 4 Up to 30 students	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p> <p>Book online: www.qut.edu.au/science-engineering/primary-van-booking</p>
<p>Adaptations</p> <p>Students use microscopes to investigate features of plants and animals which help them adapt to their environment.</p>	Relevant to year 5 students (ACSSU043)	Available in term times 1 hour (can be adapted to meet school needs)	Year 5 Up to 30 students	
<p>It's a Nano World</p> <p>Students investigate how the properties of material can be changed through nanotechnology. Find out how clothes can be made waterproof, cars will no longer need windscreen wipers, and how your back pack can charge your mobile.</p>	Relevant to year 5 students (ACSSU077)	Available in term times 1 hour (can be adapted to meet school needs)	Year 5 Up to 30 students	
<p>What's in Stuff?</p> <p>This chemistry workshop is designed to get students thinking about chemical and physical changes. Students make sherbet to investigate the ingredients that make it fizz, make glue from milk, and test for acids and bases. Includes discussion on how fair testing is used to make a good experiment.</p>	Relevant to year 6 students (ACSSU095)	Available in term times 1 hour (can be adapted to meet school needs)	Year 6 Up to 30 students	
<p>The Case of the Dudesville Bank Robbery</p> <p>Students become forensic detectives for the day when they investigate a fictitious bank robbery. They will get to use microscopes and scientific techniques to analyse all the evidence from the scene of the crime.</p>	Relevant to year 6 students (ACSSU100)	Available in term times 1 hour (can be adapted to meet school needs)	Year 6 Up to 30 students	

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Extreme Science and Engineering Van – Primary School Workshops				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Alternative Energy</p> <p>This workshop discusses the different types of alternative energy available, and how they are used to generate power. Students use solar panels and wind power to investigate how different environmental variables affect energy output.</p>	Relevant to year 6 students (ACSSU097)	Available in term times 1 hour (can be adapted to meet school needs)	Year 6 Up to 30 students	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p> <p>Book online: www.qut.edu.au/science-engineering/primary-van-booking</p>
<p>Investigating Electrical Energy</p> <p>This workshop is designed to give students hands-on experience in building and testing electrical circuits. Students use 'clip circuit' kits, which are safe and easy to use.</p>	Relevant to year 6 students (ACSSU097)	Available in term times 1 hour (can be adapted to meet school needs)	Year 6 Up to 30 students	
High School Workshops				
<p>Water Works</p> <p>Designed to get students thinking about water quality including hands-on water treatment and testing. Perform tests for turbidity and pH and use microscopes to examine pond life.</p>	Relevant to year 7 students (ACSSU113)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 7 Up to 30 students	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p> <p>Book online: www.qut.edu.au/science-engineering/high-school-van-booking</p>
<p>Biosecurity: Border Control</p> <p>Students work to identify suspected pest organisms found by border protection officers. The students will use classification keys to identify the pests and make their recommendations to Border Protection Services.</p>	Relevant to year 7 students (ACSSU111)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 7 Up to 30 students	
<p>Carnival Maths</p> <p>Using well-loved carnival games, students will learn about estimation, probability, statistics and profit/loss.</p>	Relevant to year 7 students (ACMSP171 and ACMMG160)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 7 Up to 30 students	

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Extreme Science and Engineering Van – High School Workshops				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>OUT Rocks!</p> <p>Become a budding geologist and identify mysterious mineral and rock samples using scientific tools. Examine samples of mined minerals in both their unprocessed and processed forms.</p>	Relevant to year 8 students (ACSSU153)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 8 Up to 30 students	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p> <p>Book online: www.qut.edu.au/science-engineering/high-school-van-booking</p>
<p>Energy Audit</p> <p>Use thermal imaging cameras, energy meters, lux meters and laser thermometers to understand energy consumption as well as theories of energy transfer.</p>	Relevant to year 8 students (ACSSU155) and year 9 students (ACSSU182)	Available in term times 70 minutes (can be adapted to meet school needs)	Years 8 and 9 Up to 30 students	
<p>Alien World</p> <p>A new planet has been found! Investigate the strange creatures that live there to determine how their features and reproductive patterns determine their chances of survival.</p>	Relevant to year 8 students (ACMSP205, ACMSP292, and ACSSU150)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 8 Up to 30 students	
<p>Bright Energy</p> <p>Develop an understanding of power generation and the demands that are put on power sources. Students investigate sustainable energy production through solar panels and wind power.</p>	Relevant to year 8 students (ACSSU155) and year 9 students (ACSSU182)	Available in term times 70 minutes (can be adapted to meet school needs)	Years 8 and 9 Up to 30 students	
<p>Predator vs Prey</p> <p>The race is on between predator and prey. Discover how their populations change over time in the fight for survival and ecological balance.</p>	Relevant to year 9 students (ACSSU176, ACMSP228, and ACMSP282)	Available in term times 70 minutes (can be adapted to meet school needs)	Year 9 Up to 30 students	

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Extreme Science and Engineering Van – High School Workshops				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Crystal Clear: Effective water filtration</p> <p>Discover how dam water is made safe to drink and delivered to your tap. Students explore treatment techniques to make dirty dam water sparkle. This workshop demonstrates the complexity of water treatment and the role of the water cycle in maintaining life on earth.</p>	Relevant to year 10 students (ACSSU189) and senior students taking Science.	Available in term times 70 minutes (can be adapted to meet school needs)	Years 10 to 12 Up to 30 students	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p> <p>Book online: www.qut.edu.au/science-engineering/high-school-van-booking</p>
<p>Successful Suspension: Bridges that work, and why</p> <p>Learn how bridges are designed to cope with loads by building model bridges to investigate how the structures of different types withstand forces. Students are exposed to existing bridge structures to gain inspiration for their own bridge designs.</p>	Relevant to year 10 students (ACSSU229) and senior students taking Engineering Technology	Available in term times 70 minutes (can be adapted to meet school needs)	Years 10 to 12 Up to 30 students	
<p>Using Force for Good</p> <p>Investigating moments and couples, gain a practical understanding of a core concept of Engineering and Physics.</p>	Relevant to year 10 students (ACSSU190) and senior students taking Engineering Technology	Available in term times 70 minutes (can be adapted to meet school needs)	Years 10 to 12 Up to 30 students	
<p>Crime Scenes and Genes</p> <p>Investigate forensics using gel electrophoresis and extract DNA.</p>	Relevant to year 10 students (ACSSU184) and senior students taking Biology	Available in term times 70 minutes (can be adapted to meet school needs)	Years 10 to 12 Up to 30 students	

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Other activities				
Description	Curriculum link	Availability/ timing	Year level	Contact
<p>National Science Week Celebrations</p> <p>Celebrate National Science Week as QUT graduate Science Steve presents the wonders of science in a live in-school stage show for upper-primary.</p>	Relevant to science students.	August 2019 – dates TBC – morning and afternoon shows available.	Years 4 to 6	<p>Science and Engineering WP team</p> <p>3138 1200</p> <p>van.booking@qut.edu.au</p>
<p>Robotics@QUT</p> <p>Robotics@QUT includes teacher workshops, robotics loan kits, assistance by pre-service teachers in class and support for participation in robotics competitions.</p> <p>Robotics@QUT fun days for students and parents</p> <p>School visits Pre-service teacher school visits (1–4 hrs)</p> <p>Teacher Professional Development Days Teacher Workshops</p>	Relevant to students taking Science, Technology, Mathematics and Engineering.	<p>Robotics@QUT fun days May and September</p> <p>First LEGO League Caboolture Tournament November</p> <p>School visits Pre-service teacher visits (all year mainly from term 3)</p> <p>Teacher Professional Development As organised with school clusters</p> <p>All dates to be confirmed</p>	Years 6 to 10	<p>Dr Christina Chalmers Project Leader Faculty of Education 3138 3516</p> <p>Annika Lyttle qutrobotics@qut.edu.au</p>
<p>STEM Futures</p> <p>STEM Futures is a series of careers-based presentations, hands-on activities and guest lectures relating to science, technology, engineering and maths (STEM) for students in years 7 to 12. These activities aim to guide years 7 to 10 students in subject selection, and for year 11 and 12 students, assist in course and career decision-making.</p>	Relevant to students taking Science, Technology, Mathematics and Engineering.	<p>Available term time during lunch time, in class or after-school.</p> <p>1 hour (can be adapted to meet school needs)</p> <p>Up to 30 students</p>	Years 7 to 12	<p>Science and Engineering WP team</p> <p>3138 1200</p> <p>van.booking@qut.edu.au</p>

Find out more: in-school activities

STEM (Science, Technology, Engineering and Maths) Other activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Support for Transition Days</p> <p>Does your school host a transition day for feeder primary schools? If you are looking for activities for such an event, our team can provide hands-on workshops for upper primary students in the areas of science and engineering</p>	<p>Relevant to students taking Science, Technology, Mathematics and Engineering.</p>	<p>On request</p>	<p>Year 6</p>	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p>



“My students were extremely engaged. The presenter related really well and was able to communicate effectively with the kids. Activities were fun and gave my class a thorough understanding of the concepts.”
Year 5/6 teacher

Explore Uni

What is Explore Uni?

Schools are invited to bring their students for on-campus experiences which aim to demystify university and TAFE as post-school options.

Each on-campus day and camp includes a range of talks, hands-on activities and role model interaction to dispel some of the myths about university and TAFE (especially those related to demographics, affordability, capability and cost).

Current university students (from similar schools and backgrounds to participants) talk about their journey to university and how they overcame barriers encountered along the way.

All programs are free to partner schools as the costs are subsidised. This includes bus transport and lunch for staff and students.

Over the past seven years, more than 50,000 Year 6 to 12 students have attended an Explore Uni on-campus day or camp.

In 2013, the program was recognised by the Office for Learning and Teaching, winning a National AAUT Citation for Outstanding Contribution to Student Learning.

Contact the Explore Uni Team

phone 3138 8766

email exploreuni@qut.edu.au

web www.qut.edu.au/explore-uni

The Explore Uni program is QUT's flagship on-campus experience for students in Years 6 to 12. It is one element of a broader approach to increase aspiration and widen participation in tertiary education.

Year	Program	Key message	Learning Objectives
6 and 7	Demystifying tertiary study	Uni is different from school; there are a large number of study areas, and related jobs.	<ul style="list-style-type: none"> Become more aware of the existence, and purpose of, university and TAFE acquire a basic understanding of the wide range of fields of study and related careers available after school begin to acquire a belief that tertiary study is interesting, useful, and accessible to them in the future.
8 and 9	Jobs, learning and me – the connections	Everyone is good at something, I create my own future through the choices I make.	<ul style="list-style-type: none"> Acquire a good understanding of the connections between different types of qualifications and jobs develop a positive attitude towards themselves as learners and towards the accessibility of tertiary study discover information and resources to develop their post-school goals and career plans.
10	Making choices – building options	Planning my goals and how to reach them connects me to the future I want.	<ul style="list-style-type: none"> Acquire a good understanding of the connections between different types of qualifications and jobs develop a better understanding of the connection between their current choices and their future options research appropriate resources to develop their post-school goals and career plans.
11	Learning skills and pathways	Finishing Year 12 is a good idea, as it will give me more options. The harder I work now the better my results will be, giving me more options if my chosen pathway doesn't work out.	<ul style="list-style-type: none"> Learn about the number of tertiary institutions in Queensland and range of courses available acquire a basic understanding of the wide range of fields of study and related careers available in the tertiary sector strengthen a belief that tertiary study is interesting, useful, and accessible to them.
12	Choices and transitions	Arming myself with all the information and opportunities available is the best way to make informed choices.	<ul style="list-style-type: none"> Understand the role of tertiary study, the connection between qualifications and careers, and the wide range of fields of study understand the nature of university student life and the learning skills needed consolidate a positive attitude about themselves as learners, and about the accessibility of tertiary study consider a range of future options, and understand the pathways available with an understanding that every major transition requires assistance from others, and knowledge of quality resources.

What teachers said about Explore Uni in 2017

- ◆ 95% of Year 11–12 teachers strongly agreed or agreed that the Explore Uni day had helped the students with their post-school planning.
- ◆ 90% of all teachers (Year 6-12) strongly agreed or agreed that the Explore Uni day had helped demystify university and make it appear an achievable goal.

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Study skills development				
<p>Researching for legal studies</p> <p>Covers finding resources for legal studies assignments.</p>	Relevant to legal studies.	Available all year 45 minutes Up to 30 students	Years 11 and 12	<p>QUT Library Schools' Program</p> <p>www.library.qut.edu.au/community/schools/activities.jsp</p>
<p>Referencing with cite write</p> <p>A guide to referencing, citing and writing at an upper secondary/tertiary level using QUT cite write.</p>	Relevant to all school subjects that require written assignments.	Available all year 30 minutes Up to 30 students	Years 10 to 12	
<p>Researching for assignments</p> <p>Covers developing a search strategy, choosing where to search, searching and evaluating your results.</p>	Relevant to all school subjects that require written assignments.	Available all year 30 minutes Up to 30 students	Years 10 to 12	



On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Business				
<p>Advertising and Marketing: Zest Agency</p> <p>Using creative thinking, students will develop a product and an advertising campaign that hooks their audience and promotes their item to the world.</p>	Relevant to students with an interest in advertising and marketing.	Available all year 45 minutes – 1 hour	Years 6 to 8	<p>QUT Business School Widening Participation wp.business@qut.edu.au 07 3138 8766</p>
<p>Economics: Survivor</p> <p>Using management, economics and strategy skills, students will work with a tribe to outwit, outplay and outlast their opponents. Students will apply skills that businesses use every day to select the right people for the job and develop winning tactics.</p>	Relevant to students taking Business Principles or with an interest in economics.	Available all year 45 minutes – 1 hour	Years 9 to 12	
<p>Entrepreneurship: The Business of Burgers</p> <p>As business executives, students will develop strategies to enter the market with their own burger chain. This workshop engages students to think about areas of business such as entrepreneurship, management, advertising and marketing.</p>	Relevant to students taking Business Principles.	Available all year 45 minutes – 1 hour	Years 6 to 9	
<p>Entrepreneurship and Management: The Apprentice</p> <p>Students will use innovative ideas and business strategies to become entrepreneurs. Teams will develop a campaign to make the most money for their charity to avoid getting “fired”.</p>	Relevant to students taking Business Principles.	Available all year 45 minutes – 1 hour	Years 9 to 12	
<p>International Business: The Amazing Race</p> <p>Students undertake a “race around the world” to discover how external factors such as culture and international influences affect business practice. Using their advertising and marketing skills, students will design an international campaign that promotes a product to the world.</p>	Relevant to students taking Business Principles.	Available all year 45 minutes – 1 hour	Years 10 to 12	
<p>Public Relations: Jurassic World</p> <p>As a Public Relations team, students will manage the image and reputation of Jurassic World Luxury Resort by developing a Public Relations campaign to deal with an impending crisis. Will their marketing, advertising and management skills be enough to keep the Park in business?</p>	Relevant to students taking Business Principles.	Available all year 45 minutes – 1 hour	Years 8 to 10	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Creative Industries – QUT Precincts (QUT Art Museum, William Robinson Gallery, Old Government House, and The Cube)				
<p>Circuit Breaker</p> <p>Artists are some of the most experimental and innovative creators of technology – repurposing, tinkering and expanding our perceptions of this ever-changing field.</p> <p>In this workshop students will learn how to use littleBits – electronic modules that snap together to create circuits – to design and build interactive artworks that make noise, light up and respond to movement. Students will learn about the basics of circuitry, motors and motion and will be encouraged to experiment with materials, techniques and technologies to create a work that represents their artistic intentions.</p> <p>This program can be designed to include an exhibition tour.</p>	Visual Art, STEAM, Design, Technology, Sustainability, Careers	On demand 2 to 4 hour experience	Years 7 to 12	<p>Pia Robinson QUT Precincts Widening Participation Programs Officer 07 3138 8075 pia.robinson@qut.edu.au artmuseum.qut.edu.au</p>
<p>Designer for a Day</p> <p>A hands-on workshop where students can be a ‘designer for a day’, exploring ideas, problem solving, creating prototypes, design thinking and career mapping. Students will collaboratively respond to prompts and create, explore and design their own improvements for their school.</p>	Visual Art, Fashion, Design, Technology, Sustainability, Careers	On demand 2 to 4 hour experience	Years 7 to 12	
<p>Futures Talk: QUT Visual Art Course & Careers Presentation</p> <p>In this presentation, QUT Visual Art lecturers will provide insights into the QUT Bachelor of Fine Art (Visual Art), Creative Industries course, including enrolment information and career pathways of QUT Alumni. This is a great opportunity for students to expand their understanding of the Visual Arts sector, and ask any questions that they may have.</p> <p>The program is offered as a 20-minute presentation to complement an on-campus visit to QUT Art Museum or the William Robinson Gallery, QUT Gardens Point campus.</p>	Careers: Visual Art	On Demand 20 mins (build it into your visit)	Years 7 to 12	
<p>PATHWAYS Panel Discussions on QUT Open Day</p> <p>QUT Art Museum hosts a series of free panel discussions for middle to senior students interested in pursuing a career in the areas of visual art, design and fashion. The panels are made up of QUT graduates and lecturers who are available to answer any questions. These sessions are also a must for parents and teachers.</p>	Careers: Visual Art, Fashion, Architecture, Interior Design, Landscape Architecture, Industrial Design, and Interaction Design	QUT Open Day Sunday 28 July 2019	Everyone, including Parents/ carers, teachers, careers counsellors	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Stitch your future</p> <p>This program is for everyone. In ‘Stitch Your Future’, students will explore storytelling through clothing and design. Using techniques of embroidery, abstract storytelling and personal affirmations, these workshops utilise craft to facilitate conversations with students about their futures – even if they are undecided.</p>	Visual Art, Fashion, Design, Technology, Sustainability, Careers	On Demand 45 mins to 2 hours	Years 7 to 12	<p>Pia Robinson QUT Precincts Widening Participation Programs Officer 07 3138 8075 pia.robinson@qut.edu.au artmuseum.qut.edu.au</p>
<p>Stitch your stories – art and fashion</p> <p>A workshop designed in collaboration with The Stitchery Collective. Students learn processes of design thinking and abstraction to create their own upcycled t-shirt that shares their own stories.</p>	Visual Art, Fashion, Design, Technology, Sustainability, Careers	On Demand 45 mins to 2 hours	Years 7 to 12	
<p>Venue and Exhibition Tours</p> <p>Guided and self-guided tours of all exhibitions at QUT Art Museum, William Robinson Gallery, Old Government House, and The Cube are available to schools throughout the year. Visits to multiple venues across QUT Precincts can also be arranged.</p> <p>For the exhibition program visit our websites or contact us for further details.</p> <p>artmuseum.qut.edu.au ogh.qut.edu.au/wrgallery ogh.qut.edu.au thecube.qut.edu.au</p>	Visual Art, Fashion, History, Design, STEAM, Technology, Sustainability, Careers	On Demand Tours can be tailored to suit your needs and schedule	All year levels	
<p>William Robinson: Drawing Life</p> <p>The program begins with a tour of the current exhibition at the William Robinson Gallery, and is followed by a drawing activity in the surrounds of Old Government House. Although known predominantly as one of Australia’s leading landscape artists, William Robinson has consistently explored the more intimate surrounds of his home through interior and still life subjects. In this workshop, students explore the techniques and subject matter featured in Robinson’s practice including his use of perspective, composition, application of media, and colour.</p>	Visual Art, STEAM, History, Careers	On Demand 1 to 2 hour experience	Years 7 to 12	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Creative Industries				
<p>Career & Guest Lecture Series</p> <p>Our Career and Guest Lectures can help guide students in course and career decision-making in the Creative Industries. Can be adapted to meet school needs.</p>	Relevant to students taking Drama, Dance, Music, Visual Art, English, Design, Home Economics, Film and TV.	Available all year 1 hour Small and large group audiences	Years 7 to 11	<p>Emma Felton Widening Participation Coordinator 3138 0152 e.felton@qut.edu.au</p>
<p>Change by Design. Plastic Problems: Saving our Oceans</p> <p>A workshop which outlines the 'wicked issue' of plastic. Students will investigate the process of design, allowing them to explore how they can use design to create positive change in our world. Students will take part in interactive and hands-on workshops delivered by students from QUT Design.</p>	Relevant to all students, particularly those interested in Design.	Available all year 45–60 minutes Up to 30 students	Years 6 to 11	
<p>Communication: Speak Up!</p> <p>Great orators can turn a crowd of thousands into a silent field, not only speaking at their audience but speaking to their audience, reaching out with words as heavy as rain. Students learn how using the right words with a precise tone will communicate the exact point, and move the audience the right way.</p>	Relevant to students taking English, Drama, Film and TV, History, and Social Studies.	Available all year 45–60 mins Up to 30 students	Years 7 to 11	
<p>Slam Poetry: The Kids are all Write</p> <p>It's your world, your voice! Students learn how to voice the concerns of their generation through slam poetry. Drawing on their passions and concerns, students write and perform a poem that makes people think.</p>	Relevant to students taking English, Drama, Social Studies, History, and Visual Art.	Available all year 45–60 mins Up to 30 students	Years 6 to 10	
<p>Visual Arts: Digital Portraits</p> <p>Students are introduced to the fundamentals of digital image-making as a creative art process. Using Adobe Photoshop, students will learn how to quickly produce an artwork based on the digital manipulation of their own image.</p>	Relevant to students taking New Media, Visual Arts, and Design.	Available all year 45–60 mins Up to 30 students	Years 10 and 11	



On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Education				
<p>Becoming a teacher</p> <p>Come and find out from our current students what it is really like to study education. You will learn about entry requirements and have the opportunity to ask all the questions you like, to ensure you are well-equipped to follow your path as an Educator.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes Up to 30 students	Year 12	<p>QUT Education Events edu.events@qut.edu.au</p>
<p>Future School Earth Mark 2 – a VR experience</p> <p>Teachers don't only teach they also design and shape the future. You've been selected to help colonise a brand new planet where a school needs to be designed and built. What will it look like? What features of current schools and classrooms will you keep? What will be totally different? Get hands on with our VR equipment and create Future School on Planet Earth Mark 2.</p>	Relevant to all students.	Available all year 45 minutes Up to 30 students	Year 9	
<p>Happy World Teachers' Day 2030</p> <p>It is World Teachers' Day in 2030 and you are a teacher. The students, parents, and your teaching colleagues are making you a card to celebrate everything about what makes you an amazing teacher. What will it say? What will it look like? Come and experiment with cutting-edge materials to make your future self a World Teachers' Day card to take home.</p>	Relevant to all students.	Available all year 45 minutes Up to 30 students	Year 6	
<p>How to build a brain in 5 years – or 45 minutes.</p> <p>The human brain is the most complicated machine on the planet and teachers are the only paid professionals that must build brains every day. Did you know that the brain is growing and learning faster in the first five years of life than at any other time? How does this magic happen? Come and build a brain with us and find out how to light it up.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes Up to 30 students	Year 10	
<p>Mini Olympics</p> <p>Challenge time! Work together in teams to compete in fun 60-second challenges. Think about why teachers need to be part of a team and the benefits of belonging to such a worthwhile profession.</p>	Relevant to all students.	Available all year 45 minutes Up to 30 students	Year 7	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Show or Tell: What works in Teaching?</p> <p>Teachers can talk, demonstrate, use video or other tools to teach students. In this session, students are introduced to Adobe Spark to create compelling videos in minutes and tell a story that matters to all.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes Up to 30 students	Year 8	<p>QUT Education Events edu.events@qut.edu.au</p>
<p>Superheroes</p> <p>Who is your favourite teacher? What makes them awesome? Join forces with our superhero robots to design your own superteacher, considering all the qualities of a terrific educator.</p>	Relevant to all students.	Available all year 45 minutes Up to 30 students	Year 6	
<p>Super Sleuths</p> <p>Who knew teachers were detectives?! Test your skills in deciphering handwriting and solving mysteries. Reflect on the varying roles of a teacher and how teachers develop problem solving skills to become the smartest detectives.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes Up to 30 students	Year 9	
<p>Lego Duck Challenge</p> <p>Ducks fly, swim and come in different shapes and sizes! This Lego challenge will show you that teaching isn't necessarily what it appears to be and that perhaps you do have what it takes to be a great teacher.</p>	Relevant to all students, taking any combination of subjects.	Available all year 45 minutes Up to 30 students	Year 10	
<p>Technology Tyrannosaurus</p> <p>Embracing the rapid changes in technology is a big part of being a teacher. Test your knowledge of technology relics from the past and try your hand at communicating without words.</p>	Relevant to all students.	Available all year 45 minutes Up to 30 students	Year 8	



On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Health				
<p>CARRSQ (Centre for Accident Research and Road Safety Queensland)</p> <p>A tour of the centre will provide students with an insight on how CARRSQ conducts research to improve road safety and reduce accidents. Students will participate in a driving simulation that allows researchers to observe, challenge and record the driver's reactions and skills in a controlled, safe environment with precision accuracy.</p>	Relevant to all students.	Subject to availability all year 60 minutes Up to 25 students Kelvin Grove Campus	Years 11 and 12	<p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>
<p>Clinical Science Workshops</p> <p>These interactive workshops are led by QUT staff within the School of Biomedical Sciences. Students have the opportunity to participate in a variety of laboratory testing activities such as analysing blood glucose levels and identifying blood types. Please contact us for activity specifics.</p>	Relevant to students taking Biology and Science.	Subject to availability all year 60 minutes Up to 30 students	Years 8 to 12	
<p>Exercise</p> <p>Led by a QUT Exercise Physiology graduate, our team of students from Exercise Science and Clinical Exercise Physiology can deliver hands-on interactive activities for any age group. Through physical activity, students can gain an understanding of the various forms of exercise testing, ways to improve sports performance, and improve general health.</p>	Relevant to students taking Health and Physical Education, Science and Biology.	Subject to availability all year 60 minutes Up to 30 students Suitable clothing required (ie shorts, hat)	Years 6 to 12	
<p>Nursing – Simulation Centre Tour</p> <p>An educational activity which encompasses a tour of the QUT Nursing Centre. Students will learn about the equipment used in hospitals by nurses, and participate in a nursing simulation with state-of-the-art equipment in QUT's Nursing Centre.</p>	Relevant to students taking Biology, Science, Health and Physical Education.	Subject to availability all year 60 minutes Up to 30 students	Years 6 to 10	
<p>Nutrition and Dietetics</p> <p>These interactive workshops are supervised by a QUT Dietetics graduate, and run by QUT Nutrition and Dietetics students. Activities can provide general nutrition information relevant to the age group, such as healthy breakfast choices, foods for improved performance, and sugar content in common food and drink.</p>	Relevant to students health and physical education, and future studies in nutrition, dietetics, food science or public health.	Subject to availability all year 60 minutes Up to 30 students	Years 6 to 10	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Optometry</p> <p>Students are given an understanding of what the role of an Optometrist is, and the type of diseases Optometrists treat. They will have the opportunity to simulate what it is like to have a visual impairment, as well as testing each other's vision, depth perception and colour vision. Please contact us for age-specific activity details.</p>	Relevant to students taking Biology and Science.	Available all year 45 minutes Up to 30 students	Years 6 to 12	<p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>
<p>Paramedic Science</p> <p>Students will have the opportunity to learn what the role of a paramedic entails, and participate in a variety of interactive scenarios involving procedures such as performing CPR, bandaging for snake bites and fractures, splinting, and slings.</p>	Relevant to students taking Biology, Science, Health and Physical Education.	Subject to availability all year 60 minutes Up to 30 students Kelvin Grove Campus	Years 6 to 10	
<p>Pharmacy</p> <p>Students will gain practical experience in our simulated pharmacy counselling room, including prescription processing, product labelling and the therapeutic use of over-the-counter medications. Learn about careers in community pharmacies, hospitals, the pharmacy industry, and in drug regulatory and research roles.</p>	Relevant to students taking Chemistry and Science.	Subject to availability all year 45 minutes Up to 25 students Gardens Point Campus	Years 8 to 10	
<p>Podiatry</p> <p>This activity introduces some of the hands-on aspects of podiatry including patient assessment, biomechanics, problem-solving and treatment options. Students are given an overview of the high tech equipment used in clinical podiatry. The activity is delivered by a QUT clinician and podiatry students.</p>	Relevant to students taking Biology, Science, Health and Physical Education.	Subject to availability all year 50 minutes Up to 30 students	Years 8 to 12	
<p>Psychology</p> <p>Students are informed about the role of a psychologist and are introduced to the power of the human brain through a variety of activities.</p> <p>Please contact us for age-specific activity details.</p>	Relevant to students taking Biology and Science.	Subject to availability all year 45 minutes Up to 30 students	Years 6 to 12	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Social Work</p> <p>This interactive workshop allows students to explore the role of social workers in a diverse range of settings and the important role they have in advocating for social justice and human rights in our society. Students will also work with each other to identify their strengths and learn about the importance of social inclusion.</p> <p>Please contact us for age-specific and curriculum-based activity information.</p>	<p>Relevant to students taking Studies of Society & Environment, Social & Community Studies, Health Education, Study of Society, Aboriginal & Torres Strait Islander Studies, and Early Childhood Studies.</p>	<p>Subject to availability all year</p> <p>45 minutes</p> <p>Up to 30 students</p>	<p>Years 6 to 10</p>	<p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>
<p>MERF (Medical Engineering Research Facility) - Anatomy Experience</p> <p>The team at MERF run anatomy workshops in the anatomical and surgical skills laboratory based at the Prince Charles Hospital. This experience will enhance school based anatomy education and is a once in a lifetime opportunity held in their state of the art facility.</p>	<p>Relevant to students taking senior Biology and Science.</p>	<p>Subject to availability all year</p> <p>Tuesday and Thursday</p> <p>90 minutes</p> <p>Up to 30 students</p>	<p>Year 12</p>	<p>Matthew Wissemann matthew.wissemann@qut.edu.au</p> <p>Danielle Patterson Widening Participation Coordinator – Health 3138 9970 danielle.patterson@qut.edu.au</p>



On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
Law and Justice				
<p>Find Resources for Legal Studies Assignments</p> <p>QUT's Law Library staff provide workshops on finding resources for legal studies assignments. This is best combined with a Law Library tour.</p>	Relevant to students taking Legal Studies.	Available all year 45 minutes Up to 30 students	Years 11 and 12	<p>QUT Library Schools' Program</p> <p>www.library.qut.edu.au/community/schools/activities.jsp</p>
<p>Mock Trial</p> <p>Want to know what a real courtroom is like? Mock trials based on fairy tales allow students to play parts of judges, the bailiff, witnesses, defence counsel and prosecution counsel, alleged guilty party and jurors. This interactive activity enables students to question witnesses and the alleged guilty party; understand the court process and be introduced to legal terminology.</p>	Relevant to students taking Legal Studies or SOSE.	Available all year 45 minutes Up to 30 students	Years 10 to 12 (can be adapted for other year levels)	<p>Sonya Law</p> <p>Widening Participation Coordinator 3138 7343 sonya.law@qut.edu.au</p>
<p>Jury Selection</p> <p>Students are introduced to the jury system and its importance in the Australian legal system and learn about the process of becoming a juror. After this session students will understand the role of the jury in the trial process and how jurors are selected. This activity encourages team building, problem solving, critical analysis and good communication skills.</p>	Relevant to students taking Legal Studies and SOSE.	Available all year 45 minutes Up to 30 students	Years 9 to 12 (can be adapted for other year levels)	
<p>Criminology and Intelligence Training</p> <p>Students work in teams to solve a fake crime. As 'junior detectives', students will analyse three pieces of evidence to identify potential suspects, develop a line of questioning to interview the suspects and catch the criminal. This activity focuses on team work, critical thought and communication skills.</p>	Relevant to students taking Legal Studies or SOSE.	Available all year 45 minutes 30 students max	Years 8 and 9	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Politician for a Day</p> <p>Students have the opportunity to propose new school rules and form opposing parties to debate whether the rules should be passed. Students experience first-hand the democratic voting system through brainstorming, problem solving, team work and public speaking.</p>	Relevant to students taking SOSE.	Available all year 45 minutes Up to 30 students	Years 6 and 7	<p>Sonya Law Widening Participation Coordinator 3138 7343 sonya.law@qut.edu.au</p>
<p>Rules are Cool!</p> <p>This activity helps students understand the importance of rules, the rule making process and the role of the student. Students will be introduced to the relationship between rules and laws and create rules around a scenario. In doing so, students will learn the test determining whether rules are just or unjust; the similarities between rules and laws and why laws are important. This activity encourages team building and basic skills in the areas of critical thought and communication.</p>	Relevant to students taking Civics and Citizenship.	Available all year 45 minutes Up to 25 students	Years 6 and 7	
<p>Sticky Fingers</p> <p>Students are given an understanding of what detectives do. They will have the opportunity to identify their fingerprints; test their observational skills and use written evidence to solve a crime.</p>	Relevant to students taking English.	Available all year 45 minutes Up to 30 students	Year 7	
<p>The Detective</p> <p>Students are introduced to the fundamentals of being a detective through participating in various activities. The activities will involve testing their observational skills and fingerprinting. If time permits, students will use written evidence to solve a murder. Through participating in these activities students will demonstrate their ability to think like a detective.</p>	Relevant to students taking Legal Studies and SOSE.	Available all year 45 minutes Up to 30 students	Year 10	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
STEM (Science, Technology, Engineering and Maths)				
<p>Australian Centre for Robotic Vision Tours</p> <p>The Australian Centre for Robotic Vision leads the world in the new discipline of robotic vision, applying computer vision to robotics. Robotic Vision expands the capabilities of robots, allowing them to see and understand the world in which they are working. Come and visit the lab to learn more and see our robots in action.</p>	Relevant to students taking Science, Technology, Engineering Technology, and Maths	Available throughout the year Up to 30 students per school	Years 7 to 12	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p>
<p>STEM for Schools</p> <p>The new Science and Engineering Centre at QUT's Garden Point features the STEM high schools program of free, hands-on and engaging STEM-based workshops for secondary school students.</p> <p>Teacher PD events are also available throughout the year.</p>	Relevant to students taking Science, Information Technology, Engineering, Maths and Urban Development.	Available Monday to Friday (by booking only) Date TBC Up to 32 students	Years 7 to 12	<p>STEM for schools 3138 1801 stem.schools@qut.edu.au</p> <p>Bookings online: www.qut.edu.au/study/undergraduate-study/do-you-advise-school-students/stem-for-schools/high-school-workshops</p>
<p>Choose MATHS Day</p> <p>An opportunity to meet professionals following a variety of careers in Maths to showcase where Maths can take you. Students will also participate in engaging mathamatic activities.</p>	Relevant to Maths students	Event runs once per year at Gardens Point 4 June 2019 Up to 20 students per school	Years 9 and 10	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p>
<p>Go for IT GURL</p> <p>Go for IT GURL is a specialised full-day event for female students in years 9 and 10 who are interested in Information Technology. Workshops include LEGO programming, Kodu, Wordpress web page development, coding and Arduino.</p>	Relevant to students taking or interested in taking Information Technology.	Event runs once per term at Gardens Point 22 August 2019 Up to 20 students per school	Years 9 and 10	

On-campus activities

Description	Curriculum link	Availability/ timing	Year level	Contact
<p>Science and Engineering Challenge A day-long competition run in conjunction with University of Newcastle is designed to provide students with a positive experience of science and engineering.</p>	Relevant to Science students.	Event runs once per year at Gardens Point 13, 14, 15 February 2019	Years 9 and 10	<p>Science and Engineering WP team 3138 1200 van.booking@qut.edu.au</p>
<p>The Power of Engineering The Power of Engineering is a full-day event where students get to check out engineering as a career option through inspiring talks, hands-on activities and site visits.</p>	Relevant to students taking Science, Technology, Engineering Technology and Maths.	9 May 2019 Up to 20 students per school	Years 9 and 10	
<p>Transboundaries – STEAM Event Day Join us at Garden's Point Campus for an unforgettable 'STEAM Experience Day'. The program aims to highlight the similar skill set across art and science. Students participate through a series of rotating activities.</p>	Relevant to students taking Science, Technology, Engineering Technology, and Maths. Also relevant to students interested in Art.	Date TBC Up to 20 students per school	Years 9 and 10	

Contact information

For further information about partner schools and available programs, please contact:

QUT Widening Participation Coordinator
QUT Equity Services Department

Phone: 07 3138 0700

Email: equityenq@qut.edu.au

Web: www.qut.edu.au/about/equity/widening-participation



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