

# Brilliant Futures Brisbane

## Introductory Year

### BRILLIANT FUTURES BRISBANE YEAR 7 2025

An enrichment program designed to develop students' attributes as global learners. The aim of all International Baccalaureate Programs is to develop internationally minded young people who, recognising their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.

#### Program Objectives

- To provide challenging experiences that develop global perspectives and align with IB learner attributes.
- To foster a collaborative community that sparks curiosity and a passion for learning among highly capable students.
- To engage in impactful teaching and learning opportunities with QACI and its industry and university partners.

#### Expectations

We understand that students may already be engaged in a range of extracurricular activities. Brilliant Futures Brisbane is designed to complement students' school and extracurricular commitments. As a member of the program students are expected to:

- Submit semester report cards and NAPLAN reports as they become available.
- Participate in at least one learning experience each term.

TERM 1	
<p><b>Thursday 13 February</b></p> <p>3.30pm - 3.45pm Registration 5pm Induction Ceremony</p>	<p><b>Brilliant Futures Induction Ceremony &amp; Orientation</b> <b>Queensland Academies Creative Industries Campus (QACI)</b></p> <p>Induction and Badging Ceremony</p>
<p><b>Thursday 4 March</b></p> <p>3:45pm - Registration in QUT Atrium (across road from QACI) 4:00pm - 5:45pm</p>	<p><b>School of Mechanical, Medical and Process Engineering   QUT Kelvin Grove Campus</b></p> <p>Come and join the esteemed research team from the School of Mechanical, Medical, and Process Engineering at QUT for an engaging and interactive enrichment experience. Led by the highly regarded Distinguished Professor Dietmar W Hutmacher, this session promises to provide valuable insights into their cutting-edge research initiatives. Students will have the opportunity to participate in hands-on activities, allowing for a deeper understanding of the research processes. Additionally, students will be treated to an exclusive tour of the state-of-the-art facilities where this groundbreaking work takes place.</p>
<p><b>Saturday 29 March</b></p> <p>Workshop A 10am - 11.30am Lunch 11.30am - 12pm Workshop B 12pm - 1.30pm</p>	<p><b>Collaborative Learning / Global Thinking and International Mindedness</b> <b>QACI Campus</b></p> <p>Students will be introduced to the attributes of a global learner with a focus on thinking critically from multiple perspectives.</p> <p>Students will attend two workshops with a lunch break in between.</p> <p>Workshop A - 1.5 hours: Collaborative Learning, Critical Thinking and Reading Workshop B - 1.5 hours: Global Thinking and International Mindedness</p>

# Brilliant Futures Brisbane

## Introductory Year

### TERM 2

#### Online

Emailed Wednesday 23 April  
4-week course

#### Maths Enrichment Online Program | Online QACI

Launch of online program where students will be introduced to the history of mathematical concepts and challenged with exploring topics that may include Pythagoras' Theorem, Pascal's Triangle, Logarithms and simple and compound interest concepts in Financial Literacy.

#### Saturday 7 June

9:30 Registration  
10:00am - 11:30pm

#### Maths Investigation Workshop | QACI

Students will engage in an inquiry-based, interactive workshop where they will apply the concepts from the online course in a fun and engaging environment.

### TERM 3

#### Saturday 26 July

9:45am Registration  
10:00am - 11:30am Session 1  
11:30am - 12:00am Lunch  
12:00am - 1:30pm Session 2  
1:30pm - 1:45pm Plenary

#### Developing the Highly Capable Learner | QACI

Rich learning engagements will be specifically and intentionally designed to provide opportunities that challenge both the creative and critical thinking of this unique group of highly capable learners. Details provided in 2025.

#### Tuesday 19 August

3:30pm - 6:00pm

#### Ideas to Change the World | QUT Garden's Point Campus

*Ideas to Change the World* brings together the entrepreneurial and problem-solving skills development using design thinking, with the practical hands-on appeal of prototyping using littleBits electronic snap-together circuitry.

In this workshop, students will apply the UX (user experience) design process to develop an innovative and entrepreneurial solution to a societal problem. Students will be asked to identify a challenge to solve, and in a rapid ideation session following design thinking principles and the design process, they will generate a range of possible solutions. In their teams, options will be clustered, ranked and voted upon. A 'pitch' or prototype will be created for the solution and teams will present this to persuade peers how they can solve the real-world problem.

Applying a UX design process to societal challenges can enhance existing science inquiry skills and engineering design processes, and foster creativity and innovation. Based on workshops designed by QUT Entrepreneurship, Ideas to change the world is an immersive experiential, problem-solving challenge similar to sprints, challenges and boot camps run by tech giants like Google and Amazon. It helps to develop students UX designer and entrepreneurial mindsets and their 21st century skills by following the design thinking processes of empathise, define, ideate, prototype, test and refine.

### TERM 4

#### Wednesday 15 October Thursday 16 October

3:45pm - Registration  
4:00pm - 5:45pm

#### Developing the Highly Capable Learner | QACI

Rich learning engagements will be specifically and intentionally designed to provide opportunities that challenge both the creative and critical thinking of this unique group of highly capable learners. Details provided in 2025.

Students will select their preferred date.

#### Saturday 1 November

9:30am - 3:30pm

#### Future of Work and Interactive Workshop (Theme to be confirmed) | QUT Garden's Point Campus