

BRAY PARK
STATE HIGH SCHOOL



*Challenge
The
Unknown*

Bray Innovate Program 2022



Entry is on merit for highly motivated, high achieving critical thinkers who are passionate about problem-solving and STEM subjects.

Expression of interest forms are located on the Bray Park State High School website

www.brayparkshs.eq.edu.au
(under Enrolments).

**** Places are limited ****

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www.brayparkshs.eq.edu.au

BRAY INNOVATE PROGRAM 2022



Bray Innovate

STEM



Bray Innovate
STEM

Aim

The Bray Innovate STEM program aims to extend students in the curriculum in the areas of Science, Technology, Engineering and Mathematics. Over Years 7-9 students will deepen their knowledge and their ability to “Challenge the Unknown”.

Structure

- Students who take up this opportunity and are accepted into the Bray Innovate STEM program will commit to a 3-year journey from Year 7 to Year 9
- Students will study the Australian Curriculum at an accelerated pace and have the same timetable as other students in their year level
- Students will be provided with the opportunity to learn through real life authentic situations and inquiry-based learning.
- Please note that the student’s continuation in the program is based on program expectations regarding results and behaviour.



Science

- Experimental procedure
- Data collection and analysis
- Laboratory skills
- QUT Science & Engineering Challenge

Technology

- Coding
- Robotics
- Computational Thinking
- QUT Young Accelerators
- ABCN Challenges

Engineering

- Practical Skills
- Materials
- Design Process

Mathematics

- Data Analysis
- Mental Computation
- Real World Application

Outcomes

- Deepen students’ knowledge and build their general capabilities in the area of STEM
- Develop 21st Century Skills preparing them to be lifelong learners and to “Challenge the Unknown”
- Inspire a lifelong love of learning
- Opportunities to engage in educational partnerships and excursions with local universities and external agencies

Expression of
Interest

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