What is STEM?
STEM is the acronym for *Science, Technology, Engineering*, and *Mathematics*, and encompasses a vast array of subjects that fall into each of these areas of learning. STEM touches every aspect of our lives, from our smartphones to the technologies that enable us to explore the world around us and outer space. It also drives innovation in our fast-changing global economy.

To succeed in this environment, and for Queensland to continue to prosper into the future, our students need a strong foundation in STEM.

Students will apply to be part of the Honours Class, where Year 7 students, for the first time in 2017, will receive advanced tuition in English, Mathematics, Science, Social Science and STEM (problem solving, advanced learning) as well as learn the languages of CODING.

Why is this important for our future?

- 40% of all Australian jobs are at risk of being automated in the next 10-15 years
- 75% of the fastest growing occupations require STEM related skills and knowledge
- 50% of the world’s entrepreneurs are aged between 25 and 44
- 60% of new jobs require skills held by only 20% of the workforce

The school has partnered with Fraser Coast Regional Council and Sunshine Coast University to give our students the edge and provide real opportunities for success.

Maryborough State High School

**STEM Honours Class**

Sharyn Thomas
Head of Department
Student Engagement

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Maryborough State High School

**Scholarship Program**

As a supporter of innovation and the development of talent of our students, Maryborough State High School Parents and Citizens Association offer a number of scholarships for academic, sporting and cultural excellence.

During the second half of the year, primary schools will provide applications for scholarships for Year 7 2017.

Successful students will have their resource fees paid for the following school year, as well as usage of Information Technology via Bring Your Own Device (BYOD) program paid for a year.

We believe that scholarships are an investment in the future of the students of the Maryborough Community.

Maryborough State High School

**Respect. Responsibility. Results.**
Maryborough State High School offers a Football (Soccer and Futsal) Academy for students from Year 7 in 2017. This program provides students with the opportunity to further develop their skills in football or futsal and gives them dedicated class-time with qualified staff to fulfil their ambitions and focus their skills.

Students accepted into the Sports Academy will remain in their normal core classes. To ensure they are challenged and extended in their area of sporting interest they will study soccer and futsal in their HPE class, which will have a focus on skills development. After an application and trial process, students will be notified by the end of their school year if they have been accepted into the Academy for the following year. Players will have access to talent scouts from regional, national and international squads, as well as opportunities for further development to get the very best from their sport.

Contact us for more information
Carrie Taylor
Head of Department
Health and Physical Education
Director of Sports Academies
Phone: 4120 9333
Email: ctayl328@eq.edu.au

Maryborough State High School offers a Hockey Academy for students from Year 7 in 2017. This program provides students with the opportunity to further develop their skills in hockey and gives them dedicated class-time with qualified staff to fulfil their ambitions and focus their skills.

Students accepted into the Sports Academy will remain in their normal core classes. To ensure they are challenged and extended in their area of sporting interest they will study hockey in their HPE class, which will have a focus on skills development. After an application and trial process, students will be notified by the end of their school year if they have been accepted into the Academy for the following year. Players will have access to talent scouts from regional development officers, as well as opportunities for further advancement to get the very best from their sport.