

Science, technology, engineering and mathematics (STEM) touch every aspect of today's world and the innovations that emerge from these fields underpin the global economy. Our focus at Queensland Academy for Science Mathematics and Technology (QASMT) is to provide all of our students a STEM education enriched through a broad liberal arts curriculum. Students engage actively with a number of STEM subjects providing them the opportunity to apply skills and knowledge in a range of curriculum areas and use an inquiry-based approach to solve challenges linked to real-world problems.

Overlooking our green sports fields and native bushland is QASMT's impressive new STEM precinct, completed in 2020. The three-storey complex features many contemporary open plan collaborative learning spaces, as well as a series of more private e-learning study hubs. The highlights of the STEM precinct are our world-class specialist Robotics and MakerSpace laboratories and state of the art science laboratories.

For students in Year 10, QASMT offers the STEM Futures Program, tailored to prepare students for not only the IB Diploma Programme, but for a future career in STEM fields.

QASMT is one of only three schools in Australia with full membership of The International Science Schools Network (ISSN), a collaborative and influential body of schools promoting leading edge science education on a global scale. Every year, our students have the opportunity to participate in the renowned ISSF (International Schools Science Fair). The goal of the ISSF is to provide students with a platform where they present their scientific skills and learn from others through mutual interaction. In 2020, the five day Fair was held in Thailand.

We consistently have more than 70% of QASMT graduates annually, who choose to study courses in STEM related fields at university. Our professional and highly qualified staff provide outstanding role models and inspire a passion for those fields. QASMT is committed to developing

STEM enrichment opportunities through external partnerships. Our partnerships with The University of Queensland, Queensland University of Technology and Griffith University are key to the development of our STEM program.

Our membership in the International Science Schools Network and extensive enrichment offerings, including robotics, coding, High Performance Computing, student research placements, STEM Ambassadors, Astronomy Club and state, national and international competitions ensures STEM is an exciting and enthralling part of life at QASMT.

