

Academy Program



Bowen State High School

Prepared for all things



Academy Program

Entry Criteria

Students will be eligible for entry to the academy program using a combination of the following:

LEVEL OF ACHIEVEMENT

Academic results of an A in English, Maths, Science and Humanities are required. School discretion will be used if an A average is not maintained across the subjects mentioned above.

NAPLAN RESULTS

Students must achieve across the upper two bands across the majority of the criteria.

ATTENDANCE

Students must maintain an attendance rate above 95%.

BEHAVIOUR AND EFFORT

The criteria of excellent and very good is required across all subjects for behaviour and effort. Behaviour that supports individual and group learning will be required. Students will also be required to be work conscientiously to meet set goals.

The Academy Program is designed for high performing academic students to support their intellectual development and help them reach their full potential.

The program fosters the academic, social and emotional growth of students and allows high achieving and highly motivated students to be challenged and encouraged by their peers.

Furthermore, the Academy Program aims to drive a culture of aspiration, success, and high academic achievement. Students will be supported in developing the skills necessary for the 21st century. In the 21st century students will need to be:

- innovators
- entrepreneurs
- lifelong learners
- responsible global citizens.

The academy is underpinned by the skills needed to be successful in the 21st century:

- critical thinking
- creative thinking
- communication
- collaboration and teamwork
- personal and social skills
- ICT skills.



Academy Program

STEAMED

STEAMED is an approach to learning and development that integrates the areas of Science, Technology, Engineering, Arts, Mathematics, Enterprise and Design. The STEAMED fields are heavily incorporated into the Academy Program and will assist students in developing the following skills:

- problem solving
- creativity
- critical analysis
- teamwork
- independent thinking
- initiative
- communication
- digital literacy.

Droning, coding and robotics as well as applied science technologies are part of the Academy Program.



Why is STEAMED important?

The global economy is changing. Current jobs are disappearing due to automation and new jobs are emerging every day as a result of technological advances.

The continual advances in technology are changing the way students learn, connect and interact every day. Skills developed by students through STEAMED provide them with the foundation to succeed at school and beyond.

Employer demand for STEAMED qualifications and skills is high, and will continue to increase in the future. Currently, 75% of jobs in the fastest growing industries require workers with STEAMED skills. To be competitive, the Australian workforce needs people who can adapt to a changing workplace.

STEAMED empowers individuals with the skills to succeed and adapt to this changing world, hence its integration into the Academy Program.

James Cook University

Bowen State High School is currently developing a partnership with JCU which will build upon our existing relationship. This partnership aims to enrich our Academy Program by:

- Allowing students access to the JCU library and facilities
- Granting students access to JCU run workshops
- Informing students about university pathways through regular on-campus JCU visits.

If you are interested in the academy program please contact:

MR TIM CLOSE - Head of Department for Teaching and Learning

MR STUART BUTWEL - Deputy Principal for Junior Schooling

MRS PAMELA PRICHARD - Principal

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