



STEM ACADEMY PROGRAM APPLICATION

Alexandra Hills State High School STEM Academy Program is an innovative, academically challenging program aimed at attracting talented students who excel academically in Mathematics and Science. The students selected into the program will be extended and challenged beyond what is routinely offered in Mathematics and Science classes and will benefit from exposure to a more academically rigorous program and to links established through our membership of Queensland Minerals and Energy Academy (QMEA) and local industries where appropriate.

In 2016, Alexandra Hills State High School was invited to partner with the QMEA and QUT to develop the first **Centre of Excellence in Automation and Robotics** in Queensland. As a member of the STEM Academy Program, students will be best placed to take full advantage of this ground breaking initiative.

Given the experiences provided by this program, students will be very well equipped to make the most of opportunities in the senior curriculum as well as in pursuing careers requiring advanced mathematical and scientific attributes. Past students who have completed the Academy program have been the top student in all Senior Science and Mathematics subjects since 2012.

Entry to the Academy Class Program will be by application and an interview/selection process. Students will be chosen on the basis of their demonstrated achievement in Mathematics and Science.

If you require any further information, please contact ROBYN FLEXMAN (HOD Science)

Phone: 3820 1419

Email: rflex1@eq.edu.au

Completed application form MUST be submitted via email to **ROBYN FLEXMAN** prior to enrolment interview. Appointments for the enrolment evenings to be held on **Tuesday 16 May** and **Thursday 3 August** can be made by contacting the Administration Office on 3820 1444.

APPLICATIONS WILL NOT BE ACCEPTED WITHOUT COMPLETING THIS FORM OR PARTICIPATING IN A SPECIFIC STEM ACADEMY INTERVIEW.

Confirmation letters will be sent to successful applicants on Friday 18th August.

STEM ACADEMY APPLICATION FORM

Personal Details:

Name of Applicant:	
Current Primary School:	
Address:	
Parent Name:	
Contact Number:	
Parent email:	

Academic Results: Please provide you most recent academic results for the subjects listed below:

English		Effort		Behaviour	
Mathematics		Effort		Behaviour	
Science		Effort		Behaviour	

Please ensure you have attached a copy of your latest school report card and you most recent NAPLAN results.

Please respond to the following questions. Your responses will be taken into consideration when reviewing your application.

Question 1:

A high academic ability is a requirement in the STEM Academy Program. Why are high academic results important to you?

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Question 2:

What roles or activities have you been involved in at school which required you to demonstrate that you are a responsible person? (Eg. School Captain, Music program, buddy for younger students) How have these roles helped you develop as a person?

Question 3:

What do you enjoy learning in Science and Maths? Why do you think it is important to develop skills in these areas?

Question 4:

Why do you wish to be a student in the STEM Academy Program? What characteristics do you feel you have which would enable you to maximise the opportunities which will be provided to you as part of this program? Refer not only to your academic ability, but also your involvement in your school and local community and any personality traits that will enable you to be a valued member of the STEM Academy Program.