



Launceston
Grammar

Science, Technology, Engineering and Mathematics (STEM) Scholarship

For students entering Grade 9 to Grade 11

INTRODUCTION

STEM Scholarships are open to new students who will be entering into Grades 9 to Grade 11 in 2020.

CRITERIA

Students will be required to demonstrate their ability and keen interest in further developing their skills in the areas of Science, Technology, Engineering and/or Mathematics. Applicants are required to:

- Provide a handwritten personal statement setting out the applicant's reasons for applying for the STEM Scholarship, including what the applicant hopes to achieve through increasing their skills in this area;
- Provide at least one (1) written reference obtained from the applicant's Science, Technology, Engineering or Mathematics teacher;
- Attend a half day engineering challenge overseen by Launceston Grammar STEM teachers. This challenge will be attended by the shortlisted candidates who will be advised post application closing date.
- Applicants who attend the engineering challenge day will be required to bring a recent piece of work or portfolio showcasing their engagement with STEM and the design process. The portfolio may demonstrate competence in any of the following areas:
 - ◆ Mechanical / structural / marine / aeronautical engineering
 - ◆ Computer assisted design
 - ◆ Robotics
 - ◆ Coding
 - ◆ Computer Science

Applicants will be expected to explain the process they undertook to develop their piece of work.

STEM Scholarships are offered on the condition that that the scholarship holder elects subjects consistent with the entry requirements for most university engineering degrees. More specifically, students entering Grades 9 to 11 will be required to:

- choose at least two of the following electives each year: Extension Mathematics, Extension Science, Investigations in Science, Applied Engineering, Technology, Robotics, Aviation Theory, Computer Aided Design, and ICT Studies;

- over the course of their TCE, be required to complete: Mathematics Methods Foundation, Mathematics Methods, Physical Sciences Foundation, and Physical Sciences;
- participate in school STEM challenges (such as the Formula 1 challenge), and provide mentoring and support for junior participants; and
- participate annually in at least two external STEM-related competitions.

Successful applicants will be awarded the opportunity to participate in the construction of the full-sized aircraft currently underway at Launceston Church Grammar School and will also receive part remission of tuition fees (up to 50% concession) which is tenable until the end of Grade 12. The STEM Scholarship offers will take into account parents' financial means.

Scholarships will be reviewed after two years and will continue subject to satisfactory progress of the student, taking into account the student's School reports, feedback provided by members of staff and the student's adherence to the School's Student Code of Conduct. Scholarship recipients are also expected to meet the following General Scholarship Criteria of:

- Setting a good example in every respect inside and outside the classroom;
- Demonstrating positive School spirit;
- Willingly meeting all obligations as defined by staff;
- Being involved in and supporting school functions and activities;
- Being exemplary in their appearance and wearing of the School's uniform; and
- Making a full contribution to the School's co-curricular activities programme and to the general life of the School, and continue their enrolment at the School to the end of Grade 12.

APPLICATION PROCESS

Applications **must** include the following:

- Science, Technology, Engineering and Mathematics Scholarship Application Form;
- Documentation addressing the Scholarship Criteria (mentioned above);
- Handwritten letter of introduction (by the student), addressed to the Headmaster, Mr Richard Ford. The letter is to include a statement as to how the applicant has or will meet the General Scholarship Criteria set out above;
- Copy of the student's two school reports;
- Copy of the student's NAPLAN report(s); and
- Completed Financial information Form (and associated documents).

Failure to include all documentation noted above may result in the application not being considered.

Applications will not be returned therefore we ask that only copies of reports and certificates be supplied. Material should be no larger than A4 size and should come stapled (please do not place material in a presentation folder).

Applications close at 5.00pm on Friday 31 May 2019.

Applications should either be posted or delivered by hand and addressed to:

The Registrar
Launceston Church Grammar School
36 Button Street [or PO BOX 136]
MOWBRAY HEIGHTS TAS 7248

Digital or electronic applications will not be accepted.

ELIGIBILITY TO APPLY

- New students of Launceston Church Grammar School.
- Students who are Australian citizens or permanent residents

SELECTION PROCESS

Applications will be shortlisted based on the documentation provided and criteria outlined above shortly after the closing date.

Shortlisted applicants will be invited to attend the half day engineering challenge.

Successful applicants will be informed of the outcome of their application following the conclusion of the challenge day.

QUESTIONS

For more information please contact the Registrar on (03) 6336 6052 or registrar@lcs.tas.edu.au

Application for Science, Technology, Engineering and Mathematics (STEM) Scholarship



Applicant's Details

Surname	
First name	
Middle name	
Preferred name	
Residential address	
Postal address (if different)	

Gender Male Female

Date of birth		Country of birth	
Religion		Parish (if applicable)	

Please select as applicable Australian citizen

Aboriginal / Torres Strait Islander descent

Permanent resident

Temporary resident

Overseas student

Visa class no. _____

Visa class name: _____

Year of arrival in Australia: _____

Passport number: _____

	School name	Year level	Dates attended
Current school			
Previous school(s)			

Family Details

	Parent/Guardian 1	Parent/Guardian 2
Title		
Family name		
Given names		
Preferred name in conversation		
Relationship to child		
Residential address		
Postal address (if different)		
Home telephone		
Work telephone		
Mobile		
Email		

Academic

What are your best subjects at school?

What has been your rank in your class(es) this year? (if you do not know exactly, say "about...")

Academic

List your subjects and marks/grades from your most recent school report.

Subject	Grade

What are your career ambitions?

Leadership

What leadership positions have you held at school?
e.g. Class Captain, Team Captain, other?

What leadership positions have you held outside of school? *e.g. Scouts, Guides, Church Group, Sport Club, other? Please specify details.*

Cultural

Do you do much reading?
If so, what kind of books
interest you most?

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Do you learn an
instrument, play in an
orchestra or band, or sing
in a choir? Give details
(include levels attained
and any results).

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Do you have any
involvement with or
interest in the Arts (drama,
dance, visual arts)?
(Candidates selected for
interview may wish to bring
a folio or art/graphics work
along.)

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Do you have any hobbies
or other interests that you
would like to mention?

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Sport

Which sports do you
play at a local club/
representative/state/
national level (please
note summer and winter
sports)?

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Please specify highest
ranked team for each
sport:

--	--

Please give performance
details, including highest
ranked team(s) and
personal best times, where
appropriate:

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Please detail any special
achievements in this area
e.g. awards, trophies.

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General

Does your family currently, or have they previously, had any connection with Launceston Church Grammar School? Yes No

If yes, please include name(s) of relatives, completed grade level and alumni year group.

Outline any other considerations which you may feel to be of importance in supporting your application:

Particulars of each child, other than the applicant, who is under the age of eighteen years and receiving a full-time education:

Name:	
Age:	
Full time education at:	
Name of any Bursary/Scholarship held:	
Value per annum (or % discount):	
Name:	
Age:	
Full time education at:	
Name of any Bursary/Scholarship held:	
Value per annum (or % discount):	
Name:	
Age:	
Full time education at:	
Name of any Bursary/Scholarship held:	
Value per annum (or % discount):	

Other Details

Give the names and contact details of two or three persons to whom reference could be made in confidence regarding the applicant's character. One must be the head teacher (or other senior teacher) of the applicant's present school.

Name:	
Telephone:	
Email:	
Name:	
Telephone:	
Email:	
Name:	
Telephone:	
Email:	

Any other information you may wish to provide

Signature

	Parent/Guardian 1	Parent/Guardian 2
Name		
Signature		
Date		

Applicant's Statement

The applicant is required to write a short statement (in their own handwriting) of up to 200 words outlining reasons for applying for this Scholarship. The statement should include reference to particular strengths in a field of endeavour in which the student has made outstanding achievement or contribution, and how this would benefit Launceston Church Grammar School.

Attach copies of any other supporting details which would be of interest to the Selection Committee.

Signature of applicant	
Date	

Academic Reference in support of Scholarship

Dear Sir/Madam

The student whose name appears below is applying for a **Science, Technology, Engineering and Mathematics (STEM) Scholarship** for admission into Launceston Church Grammar School. These scholarships will be awarded to students who are able to demonstrate excellence and achievement in fields of endeavour related to school life.

The applicant would appreciate your support for their submission and would be appreciative if you could provide information under the areas listed.

This form may be returned to the applicant or may be sent direct to:

The Registrar
Launceston Church Grammar School
PO Box 136
MOWBRAY HEIGHTS TAS 7248

Thank you for your assistance.

Registrar

Applicant's name	
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Academic Reference in support of Scholarship

Academic progress:

Perceived academic potential:

Demeanour, work habits and attitude to learning:

Personal characteristics:

Qualities of leadership:

Other areas you may care to comment upon (e.g. student's interests and involvement):

Signature		Date	
Name			
Position			
Address			
Telephone			
Email			

Personal Reference in support of Scholarship

Dear Sir/Madam

The student whose name appears below is applying for a **Science, Technology, Engineering and Mathematics (STEM)** for admission into Launceston Church Grammar School. These scholarships will be awarded to students who are able to demonstrate excellence and achievement in fields of endeavour related to school life.

The applicant would appreciate your support for their submission and would be appreciative if you could provide information under the areas listed.

This form may be returned to the applicant or may be sent direct to:

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Thank you for your assistance.

Registrar

Applicant's name	
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Personal Reference in support of Scholarship

Years of contact with the student:

Area of contact (how you have known the student):

Personal characteristics (e.g. temperament, reliability, sense of fair play, contribution, etc):

Qualities of leadership:

Other areas you may care to comment upon (e.g. student's interests and involvement):

Signature		Date	
Name			
Occupation			
Address			
Telephone			
Email			