

MATHS CAMP

Stimulus workshops for rural Year 10 students who are gifted or talented in mathematics.

This camp is only applicable for students studying Level 10 in 2017.

OVERVIEW

In 2017 the MAV will host a mathematics camp. The camp is aimed at Year 10 students who live in regional Victoria and who have been deemed to be gifted and talented in the area of mathematics.

The mathematics camp will be held in Melbourne during the first week of the Term 1 school holidays (Monday 3rd April – Friday 7th April). Places are available for 20 students.

The aim of the program is to provide a chance for students to gather with like-minded peers and explore hands-on, industry related problems. The MAV will be partnering with four mathematical industries who will provide mentoring for students to solve a contemporary real-life problem.

In addition, secondary teachers will also provide on-going support. It will be an engaging, practical and hands-on look at how mathematics is used to solve problems in a variety of industry fields.

The MAV will provide:

- three meals per day
- accommodation (twin share)
- travel in and around Melbourne
- return travel to and from Melbourne to the value of \$50, and
- all programmed activities.

DRAFT PROGRAM

	Monday 3 April	Tuesday 4 April	Wednesday 5 April	Thursday 6 April	Friday 7 April
Morning	Travel to Melbourne	Site visit 1: Victorian Space Science Centre Site tour Explore problems Lunch	Site visit 2: Ford Site tour Explore problems Lunch	Site visit 3: Reserve Bank Australia Site tour Explore problems Lunch	Tour of La Trobe University, followed by presentations to <ul style="list-style-type: none">• Family• Mentors• MAV Council
Afternoon	Arrive at hotel	Victorian Space Science Centre University tour Work on problems	Ford Work on problems	Work on problems	Lunch Depart Melbourne
Evening	Dinner Introductions to teacher and industry mentors. Explore problems.	BOUNCE	Queen Victoria Market night market	Lygon Street dinner Work on problems	

For more information contact
Helen Haralambous,
hharalambous@mav.vic.edu.au.



THE MATHEMATICAL
ASSOCIATION OF VICTORIA

The MAV Maths Camp is supported by the Victorian Government.



MATHS CAMP

Stimulus workshops for rural Year 10 students who are gifted or talented in mathematics.

This camp is only applicable for students studying Level 10 in 2017.

APPLICATION FORM

This section is to be completed by the student and their parent/guardian.

YOUR DETAILS

Surname:

Given name:

Preferred name:

Date of birth:

Male/Female:

Address:

Suburb/Town:

State:

Postcode:

Telephone: (home)

(mobile)

Email:

STUDENT DECLARATION

I have read and understand the details of the 2017 Mathematical Association of Victoria Mathematics Camp and discussed my application with my parents/guardians.

I declare that to the best of my knowledge the information on this form is correct and complete.

Signature:

Date:

PARENT/GUARDIAN DETAILS

Name:

Relationship to applicant:

Address (if different to applicant):

Telephone: (home)

(work)

(mobile)

Email:

I am aware that

has applied to attend the MAV Maths camp from 3 - 7 April 2017 and understand that upon notification of successful applicants I will receive camp permission and medical forms to complete.

Signature:

Please turn over.



MATHS CAMP

Stimulus workshops for rural Year 10 students who are gifted or talented in mathematics.

This camp is only applicable for students studying Level 10 in 2017.

GOALS AND ASPIRATIONS *to be completed by the student.*

State your area(s) of mathematical interest.

Provide information about your career goals or aspirations.

Personal achievements – provide information on any school and/or community extra curricular interests (this may include sport, music, cultural activities) and any achievements in these areas (eg prizes, competitions etc.)

Explain the main reason(s) you have applied to attend this camp

INDUSTRY PREFERENCE

Students will be grouped into four industry teams. While all students will have a site visit of all industries, students in their industry team will work through an assigned industry related problem pertaining to their industry. There is a maximum of five students per team.

Please note that you may not receive your first preference.

Rank your preference from 1-4, with 1 being your first choice.

Industry	Partner	Rank
Engineering	Ford	
Information communication technology	TBC	
Human Bio-Science	VSSEC	
Commerce/ Economics	Reserve Bank of Australia	

Please turn over.

MATHS CAMP

Stimulus workshops for rural Year 10 students who are gifted or talented in mathematics.

This camp is only applicable for students studying Level 10 in 2017.

SCHOOL DETAILS to be completed by the students maths teacher and/or a supporting teacher from the students school.

Name of school:

Position:

Contact teacher at school:

Telephone: (school)

Email:

Teacher signature:

TEACHER RECOMMENDATION AND SUPPORTING COMMENTS

Please rate the students mathematical ability:

	Working at Year 10 level	Working above Year 10 level	Studying VCE mathematics? If so indicate the VCE maths study.
Number and algebra			
Measurement and geometry			
Probability and statistics			
Problem solving and reasoning			

Add any additional comments to support the students application. This may include additional information on the students involvement in co-curricular activities or leadership skills.

How will participation in this camp benefit the nominated student?

Please rate the students work habits:

	Outstanding	Excellent	Very good
Attitude/effort			
Organisation			
Ability to work in a team			
Communication skills			

Principal endorsement of applicant:

Principal signature:

Applications close Friday 9 December 2016, 5pm
Submit applications via email to
hharalambous@mav.vic.edu.au.