

MEGA MATHS DAY FOR YEAR 10 STUDENTS



WEDNESDAY 8TH JUNE 2016, 10:00AM-2:00PM
UNIVERSITY OF SYDNEY CAMPERDOWN CAMPUS

Mega Maths Day aims to engage with Year 10 students who are deciding between 2-unit and general mathematics. The program has been designed not to challenge, but to inspire these students with mathematics and encourage them with their studies. The workshops will showcase a variety of disciplines and careers that require mathematics.

The following faculties run the activities:

- Agriculture and Environment
- Engineering and IT
- Science

HOW MUCH DOES IT COST?

\$16.50 (incl. GST) per student

*see reverse page for terms and conditions

FOR MORE INFORMATION CONTACT

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No matter what your students choose to do in the future, maths will be a part of it: from maths models that help predict which latest fashion items will sell out, to calculations that allow you to build bridges, to statistics that show what people think of a business, to computations that help in the understanding of diseases.

Your students will discover how maths is involved in pretty much every area of life at Mega Maths Day. Year 10 is a key time when your students are choosing their future direction, so give them the opportunity to find out just how important a solid background in maths is for a huge array of disciplines and careers. Your students will be inspired by how maths studies will open doors in their future during this Mega Maths Day full of workshops showcasing the importance of maths in a variety of settings.

Mega Maths Day will show your students how magnificent, marvellous and monumental maths is!



MEGA MATHS DAY PROGRAM

Start	End	Activity
10:00am	10:30am	Arrival and registration
10:30am	11:00am	Mathematics Everywhere
11:00am	11:45am	Workshop A
11:45am	12:15pm	Lunch
12:15pm	1:00pm	Workshop B
1:00pm	1:45pm	Maths Workshop
1:45pm	2:00pm	Close

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SYDNEY

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Students will rotate through the below activities:

CALCULATING CREEPY CRAWLIES

Take a tour of organic matter and look at what is lurking in the leaf litter. Students will find out how agricultural and environmental scientists measure the biodiversity and abundance of species, and what the practical, real-world applications of these calculations are. We will consider how invertebrates influence the soil and apply some simple statistics to help us understand our dabbling in the detritus.

SORTING NETWORKS: GO PARALLEL!

This activity will teach students how computers can sort sets of numbers quickly by performing simple two-number comparisons in parallel. In the process, we will learn about algorithms, sorting networks and debugging.

MATHS Workshop

Students will move through hands-on maths activities.

School Programs Terms and Conditions

By registering to this event I represent to the University of Sydney (“**University**”) that I have read, understood, and agree to the terms and conditions of registration for a particular cohort of students for a Schools Program (“**Program**”) as set out below:

1. The University will hold the requested number of places. If circumstances change or student numbers change, I understand that I am required to inform the University by email to science.alliance@sydney.edu.au as soon as possible. The final date to make changes is 20 business days before the booked session.
2. Student numbers will be finalised 20 business days prior to a booked session. There will be a cost (incl. GST) per student for each activity and this cost will be agreed on at the time of booking.
3. For online payment facility using a credit card at time of booking, a receipt will be provided upon payment. For pay later facility, I understand that I will be invoiced for the number of students confirmed 20 business days before the booked session and payment should be made to ‘The University of Sydney’.
4. If a booking is amended or cancelled less than 20 business days prior to the booked session, the session fee is non-refundable.
5. The University may consider a request to change sessions and will endeavour to facilitate a reasonable change if requested more than 20 business days prior to a booked session, however, it cannot guarantee that a change may be made. If no change is possible and the requisite 20 business days notice has been provided, a full refund will be issued.
6. Refunds will not be given for non-attendance or partial attendance, and make-up sessions will not be provided.
7. The University reserves the right to alter any of the arrangements for the Program (including the venue and staff participating) and to cancel the Program, although every effort will be made to provide the Program in a manner similar to that published. If the Program is not held for any reason then the University of Sydney’s liability is limited to the registration fee only.
8. I acknowledge that the Program may involve activities that are potentially dangerous and I agree to abide by all directions of the University including its employees agents, contractors and volunteers.
9. I warrant that I have obtained consent to attend from the parents and guardians of all students attending the Program.