

Gippsland access and participation STEM OUTREACH NEWSLETTER

School of Applied and Biomedical Sciences

Spring 2017

Year 7 – 8 Maths Teacher Professional Development Workshop (free) Wednesday November 15

Building 5N Room 165

9-12.30pm

Morning tea included

No charge

Certificate of Attendance provided

Registrations open until 5pm 8 November [Register now](#)

[Email](#) us to claim \$232 CRT relief

This is a hands-on workshop with two sessions:

Session 1: Creative ways to engage learners

Learn how to engage students of all abilities with a diverse range of curriculum linked games, carefully crafted to provide rich learning experiences and follow best teaching practise. Build skills, confidence and higher order thinking with activities to get your students 'thinking out loud'.

Session 2: Developing mathematical language

Getting lost overseas isn't much fun, especially when you can't read the signs or speak the language! For a lot of students, solving maths problems feels much the same. The good news is we can do something about it. In this session, you'll be shown a range of fun, hands-on activities to provide a meaningful context for the use and repetition of mathematical terms. Learning by immersion is the fastest, most natural way to understand language, so let's make use of it by immersing our students in the world of mathematics.

This workshop is facilitated by is facilitated by the very passionate and hands on Andrew from [Think Square](#).



INTENTIONAL FUN.
ENJOYING MATHS
FOR ALL IT'S
WORTH.

Yr 7 & 8 maths teacher PD

Wed 15 November 2017

5N165 FedUni Gippsland

Morning tea provided

No charge

ADMIT ONE

We are collaborating with the [Mathematical Association of Victoria](#) to host the VCE Maths Workshops on the Gippsland Campus on Monday 19 February 2018. Keep an eye on their [www](http://www.mav.vic.edu.au) for details www.mav.vic.edu.au

2017 ConocoPhillips Science Experience

Organisers of this year's ConocoPhillips Science Experience

held during the September School holidays at FedUni's Gippsland Campus are delighted with the participants' stamp of approval given to this year's program.

A range of hands on activities informed the Year 9 and 10 students on the various fields of science; they also took part in a simulation of a busy Hospital's Emergency Department.

During the Field Trip students joined commercial pilots undertaking flight training at Ansett Aviation Services and attending a briefing session at Melbourne Airport.

'I'll be back next year' said a number of participants, and we will be looking forward to seeing them in 2018!



Congratulations to Alex from Marist-Sion College Warragul, Teagan and Brendan from Gisborne Secondary College, Joseph from Lavalla Catholic College and Jesse from the Marybrough Education Centre who earned

themselves, using 25 words or less, tickets to see well known Physicist Professor Brian Cox in Melbourne next month.

Their entries were selected by a panel of FedUni science academics.

'This is truly a dream come true – thank you so much!'

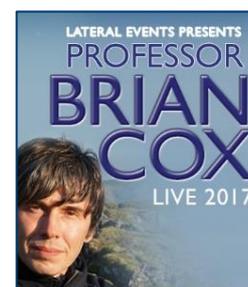
Student 2017

'..... is thrilled to have won these tickets and is looking forward to the night.'

Parent 2017

'Thank you so much for this opportunity for our students – it's just fantastic'.

Principal 2017





"I enjoyed every bit of this programme. First I wasn't as excited about this but when I actually listened to it, it made me change my mind. I loved the way you taught. It was very unique and fun."

- Student participant

It was never going to be a competition so we were rather surprised to see teachers and workshop facilitator Andrew take on students in tug-of-war! He used this fun and, well, curious method to demonstrate algebra! We are very happy with the success of the recent Maths Madness workshop for Year 7 & 8 students and plan to run it again in 2018.

Contact us or want to find out more?

BH 51 226544
 @ gaproject@federation.edu.au
 WWW GAP



The GAP Office will be closed from Friday 8/12/2017 and will reopen on Monday 15 January 2018.

This newsletter contains hyperlinks.

Our 2017 Yearbook!

Science Says! – Melbourne

Sat 2/12/2017 2.30-4 PM
 Royal Society of Victoria
 8 Latrobe Street Melbourne
 \$10

We are always on the lookout for an event with community interest. The Royal Society of Victoria is an inspiring building with a strong history. This event looks fun and informative! *There's 3 good reasons!*

"Science Says! is science as you've never seen it before, and with a lot more laughter! Join us as brilliant scientists, gifted comedians and talented communicators use their wits and wittiness to uncover the top science discoveries of 2017 – and a few of the odder ones, too!"

Check it out!

We are not the organisers of this event, nor do we benefit from ticket proceeds.



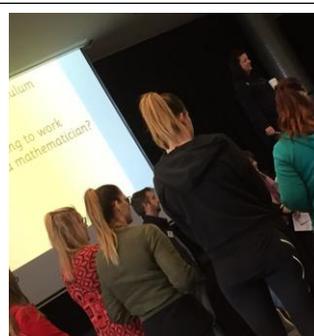
Guest Speaker Sir Martyn Poliakoff pictured with FedUni's Dr Barbie Panther during the Hartung Youth Lecture.



FedUni's Josh Saliba demonstrating science at the Moe Library during National Science Week as part of our collaborations with the Library and Baw Baw Latrobe LLEN.



Final year science student Hannah is pictured with a participant in the ConocoPhillips Science experience, discovering the contents of an owl pellet.



Over the course of the year we facilitated Professional Development for Maths Teachers- VCE, Primary-Yr 10 and Yrs 7-8.



Each year we hold hands on workshops in Biology (DNA) and Chemistry (IA). Over 400 students participated in these workshops, this year.



National Science Week is celebrated each year with the Yr 8 & 9 Maths Challenge. It's full on! And Fun.

"Thank you GAP and Federation University for such a wonderful experience." Teacher attending this year's Hartung Youth Lecture

What's our plan for 2018?

We are currently looking at funding opportunities and planning our calendar of events. Meet the Assessors-Physics, Chemistry and Biology, Day of Immunology workshops, Maths Challenge, Hartung Youth Lecture, VCE Maths Teacher PD and The ConocoPhillips Science Experience have all made the list. If there is something you would like us to consider, get in contact with us.