



THE MATHEMATICAL
ASSOCIATION OF VICTORIA
www.mav.vic.edu.au



www.teamp.vic.edu.au



OCTOBER 10, 2016 9:00am to 3:30pm

Teaching of English and Maths Primary (TEAMP)

a full day of professional learning

Attend face-to-face or online



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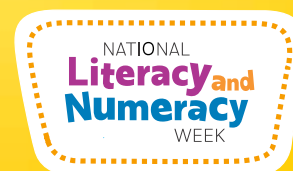
Australian Centre for the Moving Image
Federation Square, Flinders St, Melbourne

ONLINE

www.springinto.teamp.vic.edu.au

REGISTER NOW

connect.vic.edu.au/mav-161010-teamp



www.literacyandnumeracy.gov.au



AUSTRALIAN LITERACY
EDUCATORS' ASSOCIATION

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and Training

MAV-4-Primaries

Join the MAV for these fantastic memberships benefits

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- MAV Common Denominator journal
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- Maths Talent Quest
- Maths Active School Accreditation
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- MAV Annual Conference
- Professional learning
- Teaching of English and Mathematics Primary (TEAMP)
- 'We come to you' in-school consultancy
- Australian Association of Mathematics Teachers Affiliation
- MAV metropolitan and regional networks
- Curriculum and Pedagogy experts
- Teacher mentoring and support
- STEM and Digital Technologies experts

Message from MAV



I am delighted to welcome participants to Spring into TEAMP, the first full day activity for TEAMP, a Strategic Partnership Project collaboration between the Victorian Department of Education and Training and The Mathematical Association of Victoria. This exciting program aligns with current initiatives policies and strategic directions of the Department, supporting the promotion of numeracy and literacy as core foundation skills for life success.

A pillar of the TEAMP community is to support teachers and students in harnessing the opportunities of the digital age. Hence we are delighted to be able to welcome remote participation of teachers via the Adobe Connect platform.

I hope that you will find the day fun and stimulating and that the ideas shared here will invigorate your teaching of these fundamental areas of the curriculum.



Sally Turnbull
Acting Chief Executive Officer
The Mathematical Association of Victoria



OCTOBER 10, 2016

Attend one or more sessions online during the day

Register ~ www.springinto.teamp.vic.edu.au

9:00am to 3:30pm

Spring into TEAMP

The Mathematical Association of Victoria presents Spring into TEAMP, an exciting professional learning experience for primary and early years teachers of mathematics and English.

The TEAMP project, managed by the Mathematical Association of Victoria is funded by the Victorian Government Department of Education and Training as part of the Strategic Partnerships Program. It provides an exciting opportunity for primary teachers in Victoria to become part of an online community of educators, sharing ideas and resources for their classes.

Spring into TEAMP Day in 2016 provides an opportunity for teachers to learn from education leaders and experts face-to-face or online in a range of high quality professional learning and a great way to create relevant resources to engage teachers of English and mathematics.

All recordings and resources will be available on the TEAMP community website
<http://www.teamp.vic.edu.au/>

TEAMP is funded by the Victorian Government Department of Education and Training through the Strategic Partnerships Program.

Proudly supporting National Numeracy and Literacy Week and TEAMP.



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Program

8:30 am - 9:00 am	Registration
9:00 am - 9:10 am	Welcome Rhiannon Lowrey, MAV Vice President
9:15 am - 9:30 am	Numeracy Ambassador, Simon Pampena, Professional Stand Up Mathematician, combining maths and comedy
9:35 am - 10:15 am	Keynote: Inquiry Into Learning for Engaging All Students Dr Judy Hartnett, Making Maths Reasonable, QLD
10:20 am - 10:40 am	Morning Tea
10:40 am - 11:20 am	Flip Your Classroom Upside Down Crystal Kirch, Digital Learning Coach and Flipped classroom expert, USA
11:30 am - 12:10 pm	We Can Count On More Than Frank Dr Tracey Muir, University of Tasmania Dr Sharyn Livy, Monash University, VIC
12:15 pm - 12:55 pm	Lunch
1:00 pm - 1:40 pm	Targeted teaching to challenge and engage highly able students in your classroom Andrea Blake, Professional Learning Catalyst, VIC
1:45 pm - 2:00 pm	Developing Multiliteracies through ACMI Initiatives Christine Evely, ACMI, VIC
2:05 pm - 2:45 pm	Sketchnoting 101 Matthew Magain, Author and Illustrator, VIC
2:50 pm - 3:30 pm	Storytelling in Games Leena van Deventer, Writer, Narrative Consultant and Games Writer, RMIT, VIC



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Master of Ceremonies



Join us to celebrate literacy and numeracy and their interconnections. 'Spring into TEAMP' is one of many professional learning offerings for teachers. The program aims to showcase the use of digital technologies to highlight the interconnection and diversity of essential literacies for student learning success. Presented by national and international educators, the day will be an opportunity for teachers to attend either face-to-face or by connecting to the Internet. This event aims to build free resources for the TEAMP community that are accessed by any teacher from the TEAMP website.

On behalf of the TEAMP team I would like to thank the Victorian Department of Education and Training for the learning platform, Adobe Connect and technical support. See you on the day or online.

Rhiannon Lowrey, Vice President
The Mathematical Association of Victoria

Learn more about TEAMP

TEAMP is free for any educator with an interest in the learning and teaching of English and mathematics in the implementation of the Victorian Curriculum and Victorian Early Years Learning Framework. Become a member, meet a friendly network of teachers, access quality resources and participate in community activities. Go to www.teamp.vic.edu.au to join this new dynamic community.



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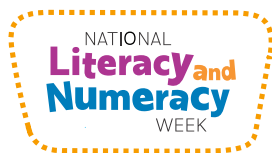
Simon Pampena Numeracy Ambassador

9:15 am - 9:30 am



Simon Pampena is the Australian Numeracy Ambassador for National Literacy and Numeracy Week. We are delighted to welcome Simon to Spring into TEAMP Day. Simon Pampena is one of the world's leading mathematical communicators performing year-round to audiences in the UK and all across Australia. He has been the Australian Numeracy Ambassador since 2009 and is a regular contributor to ABC TV Catalyst, Discovery Science Channel's Outrageous Acts of Science and YouTube channel Numberphile. His pioneering blend of comedy and mathematics has been wowing crowds around the world with numerous seasons at the Melbourne International Comedy Festival, Adelaide Fringe and the Edinburgh International Science Festival. To see one of Simon's shows is to experience mathematics his way: a rocket-pack strapped full of maths enthusiasm!

National Literacy and Numeracy Week



www.literacyandnumeracy.gov.au

National Literacy and Numeracy Week helps to raise awareness of the importance of literacy and numeracy at school and beyond.

There are many ways to get involved in 2016.

In numeracy, students solve problems in the Thinkers are Winners activity. Other activities use data to explore statistics in sports and discover Who won it?

In literacy, students are encouraged to write Six Word Stories or spread the love of reading in Catch-a-Reader. This year's book is My Two Blankets written by Irena Kobald and illustrated by Freya Blackwood.

<https://www.literacyandnumeracy.gov.au/>



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9:00am to 3:30pm

Keynote

9:35 am -10:20 am



Dr Judy Hartnett

Using Inquiry to Engage All Learners

Judy has worked in primary schools for most of her career, teaching all year levels including a year in a one-teacher school. Teaching mathematics has always been an important and enjoyable part of her life. She continued her studies in maths education, gaining a Doctor of Education in 2011. Her research focussed on conducting professional development by working with teachers in the classroom.

Judy has worked as a maths education advisor in State and Catholic systems in Queensland, supporting teachers to implement curriculum changes and to improve maths learning and teaching. She has a particular passion for getting students thinking about maths, understanding the concepts behind the skills and using maths in authentic, purposeful ways. Judy believes this can be done effectively through the use of inquiry as a pedagogy and through the use of computation strategies rather than traditional written algorithms. Judy currently works as an independent mathematics education consultant and part-time as an associate researcher on the YuMi Deadly Maths team (QUT) working to empower teachers to assist disadvantaged students to achieve with mathematics.

Online Resource

See more of Judy on YouTube: 'Inquiry learning for mathematical understanding'
https://www.youtube.com/watch?v=0GJmtB3ES8E&list=UU_8ec3ewS9o4RiXrUCw_dng



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9:00am to 3:30pm

Crystal Kirch

10:40 am-11:20 am



Crystal Kirch is a Digital Learning Coach and flipped classroom expert who is passionate about helping teachers find the most effective uses of technology to transform teaching and learning. Crystal has trained teachers on flipped learning and technology integration since 2011, and published *Flipping with Kirch: The Ups and Downs from Inside my Flipped Classroom* in 2016.

Flip Your Classroom Upside Down

"The flipped classroom is a transformational pedagogical strategy that utilizes technology and teacher-created video instruction to free up classroom time for more differentiated support and a deeper learning experience for all students. Flipping transformed my math class into one with more student-centered active learning and higher-order thinking activities that allowed my students to take ownership of their learning and communicate mathematically in ways I could never do before." Come and learn how to truly define an effective flipped classroom, hear about the results and benefits, and get some ideas for how to practically implement a flipped classroom with an upcoming lesson or unit.



Online Resource

Crystal Kirch @crystalkirch



flippingwithkirch.blogspot.com

<http://flippingwithkirch.blogspot.com.au/p/pre-order-my-book-today.html>

Flipping with Kirch: The Ups and Downs from Inside my Flipped Classroom



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Dr Tracey Muir & Dr Sharyn Livy

11:30 am-12:20 pm



Tracey Muir is a Senior Lecturer in Mathematics Education at the University of Tasmania. Her research interests include effective teaching for numeracy, using ICT to enhance mathematics teaching, and parental involvement in mathematics education. She is particularly passionate about working with pre-service and in-service teachers to enhance their mathematics practice and regularly engages in professional learning with teachers throughout Tasmania. She is also a regular presenter at state, national and international conferences.



Sharyn Livy is a lecturer in the Faculty of Education at Monash University where she lectures mainly in primary mathematics education. Sharyn has extensive professional experience as a primary teacher and is passionate about providing pre-service teachers and teachers with positive mathematical experiences that promote understanding and knowledge for teaching. Prior to working at Monash University Sharyn was a mathematical consultant for The Mathematical Association of Victoria. This role included delivery of professional learning experiences for primary and secondary mathematics teachers, demonstration lessons as well as mentoring teachers, numeracy coaches and primary mathematics specialists.

We can count on more than Frank: Using picture books to engage students in mathematics

This session will identify many of the reasons for using picture books in the classroom to develop students' mathematical



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11:30 am-12:20 pm

We can count on more than Frank: Using picture books to engage students in mathematics (cont)

interest and understanding. We have found that picture books that are not explicitly mathematical in nature are particularly useful for engaging students in stimulating conversation about potential mathematical content. We will share some of our favourite examples of these and demonstrate how mathematical concepts and activities can be developed from the books.

All participants will leave the session with lots of practical ways to incorporate picture books into mathematics.

Online Resource

Counting on Frank: Book Review and Lesson

Posted by: Jen Wieber on November 7, 2013

In Counting on Frank, Rod Clement has a gift for making measurement fun, and evidently, for thinking outside the box. His author "voice" is very wry as he combines his wacky sense of humor with far-fetched tales. Even his illustrations are enough to make the imagination turn somersaults!

<http://www.multiplication.com/our-blog/jen-wieber/counting-frank-book-review-and-lesson>



National Council of Teachers of Mathematics

<https://illuminations.nctm.org/lesson.aspx?id=837>

New Zealand Maths

<https://nzmaths.co.nz/resource/counting-frank>



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9:00am to 3:30pm

Andrea Blake

1:00pm - 1:40 pm



Targeted teaching to challenge and engage highly able students in your classroom

Students who are highly able in Literacy and Numeracy have specific needs as they differ from average students in the ways they think and learn. How can teachers recognise their characteristics and respond with appropriately challenging, rigorous learning tasks? This practical session explores some ways to match the traits of advanced learners with high-quality differentiation strategies and resources. Teachers can investigate these strategies further to adapt existing tasks or design new curriculum with the depth, complexity and variety that is vital to ensure growth and stimulation for highly able students in the mixed-ability classroom. The strategies offer flexibility in terms of low or high preparation requirements, so whatever your level of differentiation expertise you will find something of value!

Andrea is a passionate advocate for highly able students and their teachers. Andrea taught in a diverse range of schools before specialising in Gifted Education. Her roles have involved the design and delivery of Extension programs, policy development and implementation, and leading Professional Learning focused on differentiating curriculum to cater for highly able students. Andrea has presented programs for GATEWAYS and published a series of curriculum resources. She is currently consulting and running teacher workshops for PLCatalyst (Professional Learning Catalyst).



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Christine Evely

1:45pm - 2:00 pm



Developing Multiliteracies through ACMI Initiatives

The ACMI Education team delivers unique, curriculum-focussed onsite programs for students and teachers, including film screenings, talks, workshops and exhibition tours. You can also bring us into your classroom via our comprehensive digital offer, including online modules and interactive videoconferences.

ACMI Teacher Talks are free videoconferencing sessions for teachers. Each month ACMI host a short, after-school professional development talk designed to get you thinking about something new, exciting, innovative or quirky in education. Explore multimodal literacy, moving image and the arts and intersections with the world your students will engage with now and in the future.

acmi
www.acmi.net.au

Christine leads a committed, inspiring team of educators, who enjoy finding new and effective ways to engage with learners. She encourages teachers from early years, primary, secondary and tertiary settings to collaborate with the ACMI Education team to help learners become critical and creative thinkers equipped with flexible and dynamic screen and digital literacy skills.



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Matthew Magain

2:05pm - 2:45 pm



Matthew Magain is an award-winning designer, illustrator, author, and entrepreneur. As Chief Doodler at Sketch Videos, he and his team bring stories to life through the use of illustration, video, training, and graphic facilitation. He spends his spare time illustrating childrens' books and buying LEGO on eBay and pretending it's for his daughters.

Sketchnoting 101

I used to get in trouble for doodling in class. But written notes are boring to look at—and they're boring to create in the first place. Sketchnoting, or visual note-taking, is a technique for capturing content using a combination of words and pictures. The end result is a more compelling reference, for you and for anyone you share it with, that can lead to improved retention and recall. In this hands-on session I'll share a range of tips for becoming better at sketching, so that you and your class can make taking notes fun again. No drawing skill required—if you've always thought "I can't draw!" then this session is for you!



Online Resource



Charlie Weatherburn and the Flying Machine written and illustrated by Matthew Magain. A children's picture book which is suitable for primary school students. Charlie loves mathematics and uses his skills to achieve the unthinkable: solo flight. Hilarious, rhyming verses and lively, colourful illustrations combine to create a book that young children and adults alike will relish again and again.

MAVShop

<https://shop.mav.vic.edu.au/products/charlie-weatherburn-and-the-flying-machine>



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Leena van Deventer

2:30pm - 3:10pm



Leena van Deventer is a game developer, writer and teacher from Melbourne, Australia. She has taught interactive storytelling at RMIT and Swinburne Universities. Leena has worked in a freelance capacity on several games and apps, including writing and editing interactive Gamebooks for TinManGames, as a Senior Copywriter on a Cannes Gold Lion Award winning collaboration between Leo Burnett Sydney, Millipede Creative, and the Australian Bureau of Statistics in the game Run That Town, and was also a narrative consultant on the Twists & Turns app for the 2014 Melbourne Writers Festival, where she helped 3 authors navigate non-linear storytelling to deliver interactive choose-your-own-adventure tales geotagged to the laneways of Melbourne's CBD.

Leena has extensive experience with radio and public speaking, and was the games correspondent for Tech Talk Radio (3WBC 94.1FM) for 2 years (approximately 100 episodes,) has appeared on JoyFM and 3CR, and is a frequent guest on RRR's Byte Into It, ABC 774's Drive program, and Triple J's 'Hack'. She has also spoken at The Wheeler Centre, the Freeplay Independent Games Festival, Melbourne Writers Festival, the Emerging Writers Festival, the Australian Centre for the Moving Image, Cherchez La Femme, AVCon, Writers Victoria (workshop), and at the University of Western Australia.



Twists and Turns

Online Resource

Twists and Turns - Melbourne Writers Festival
<https://www.youtube.com/watch?v=08weNNGfR0s>
 Free Play
<http://www.freeplay.net.au/>



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Registration Information

Registration Fees:

Member - \$180.00

Non-Member - \$200.00

REGISTER online at (Attendance online is free)

www.springinto.teamp.vic.edu.au

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Click on the Adobe Connect link

<https://connect.vic.edu.au/mav-161010-teamp/>

Check Audio by clicking Meeting>Audio wizard setup

Agree to download the Flash plugin Addin if you are on laptop or computer

If you are using a tablet or smart phone down load the app from iTunes or Google Play

CONTACT

Community Manager: Renee Hoareau - rhoareau@mav.vic.edu.au

Event Manager: Julie Allen - jallen@mav.vic.edu.au

Phone: (03) 9380 2399 Mathematical Association of Victoria (MAV)



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Venue: The Cube ACMI

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The Cube

Australian Centre for the Moving Image (ACMI)

Federation Square, Flinders Street, Melbourne, VIC

Phone: (03) 8663 2200

<http://www.acmi.net.au/contact/>

How to get to ACMI

WALK

ACMI is an accessible venue. Enter via Fed Square - which has cobblestones - or the Flinders St entrance. ACMI has lifts to all levels. The Cube is at the Flinders St entrance.

PUBLIC TRANSPORT

Take Yarra Trams route 1, 3, 3A, 5, 6, 8, 16, 64, 67 or 72 to stop number 13; or route 35, 70 or 75 to stop number 5. Flinders St is the closest train station, immediately opposite Fed Square. Further transport information is available through the Public Transport Victoria Journey Planner at ptv.vic.gov.au.

CAR

Public car parking is available at Fed Square and in Flinders Ln. The Fed Square car park is accessible via the main entrance on Russell St Extension, or via the service road on Batman Ave.



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9:00am to 3:30pm

Adobe Connect Video-conferencing Help to join and participate in a webinar

You can access Adobe Connect from multiple devices:

Computer and Laptops

If you are on a computer you will need to download an Addin plugin (flash) when you are requested.

Smart Devices

If you are using a smart device, such as phones or tablets you will need to download the Adobe Connect app from

iTunes (Apple)

<https://itunes.apple.com/au/app/adobe-connect-mobile/id430437503?mt=8>

Google Play (Android)

<https://play.google.com/store/apps/details?id=air.com.adobe.connectpro&hl=en>

Login to Adobe Connect Session

1. Click on the following link to enter the session
For example <https://connect.vic.edu.au/mav-161010-teamp/>
2. Click enter as guest. Provide your name, organisation and location

If you are on a computer you will need to download an Addin plugin (flash) when requested.

If you are using a smart device, such as phones or tablets you will need to download the Adobe Connect app from iTunes (Apple) or Google Play (Android)

It is advisable to come in well before the session and to test the sound and video by clicking on the weblink for the webinar.

connect.vic.edu.au/mav-161010-teamp

The Adobe Connect link is open from 9:00am to 3:30pm, October 10, 2016 for all six sessions.



Login as guest with name, org and location



Check speakers



Go to Meeting > Audio Setup Wizard



At Addin Popup, Allow to run the program



Picturebooks from the MAVShop

Literacy and Numeracy enrichment



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Teaching of English and Maths Primary Supporters



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<https://www.alea.edu.au/>



developing and extending children's special abilities

<http://www.gateways.edu.au>



Distance Education Centre Victoria
Flexible learning for all

www.decv.vic.edu.au



www.sketchvideo.com.au



www.makingmathsreasonable.com.au



<http://versoapp.com/>



www.splash.abc.net.au/home



<http://www.plccatalyst.com.au/>



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Teaching of English and Mathematics Primary
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Strategic Partnerships Program



www.literacyandnumeracy.gov.au

National Numeracy and Literacy Week is
funded by the Australian Government
Department of Education and Training



<https://www.acmi.net.au/>

Spring into TEAMP Day is a collaboration
between the Mathematics Association of
Victoria (MAV) and the Australian Centre for the
Moving Image (ACMI) high quality professional
learning for primary teachers.



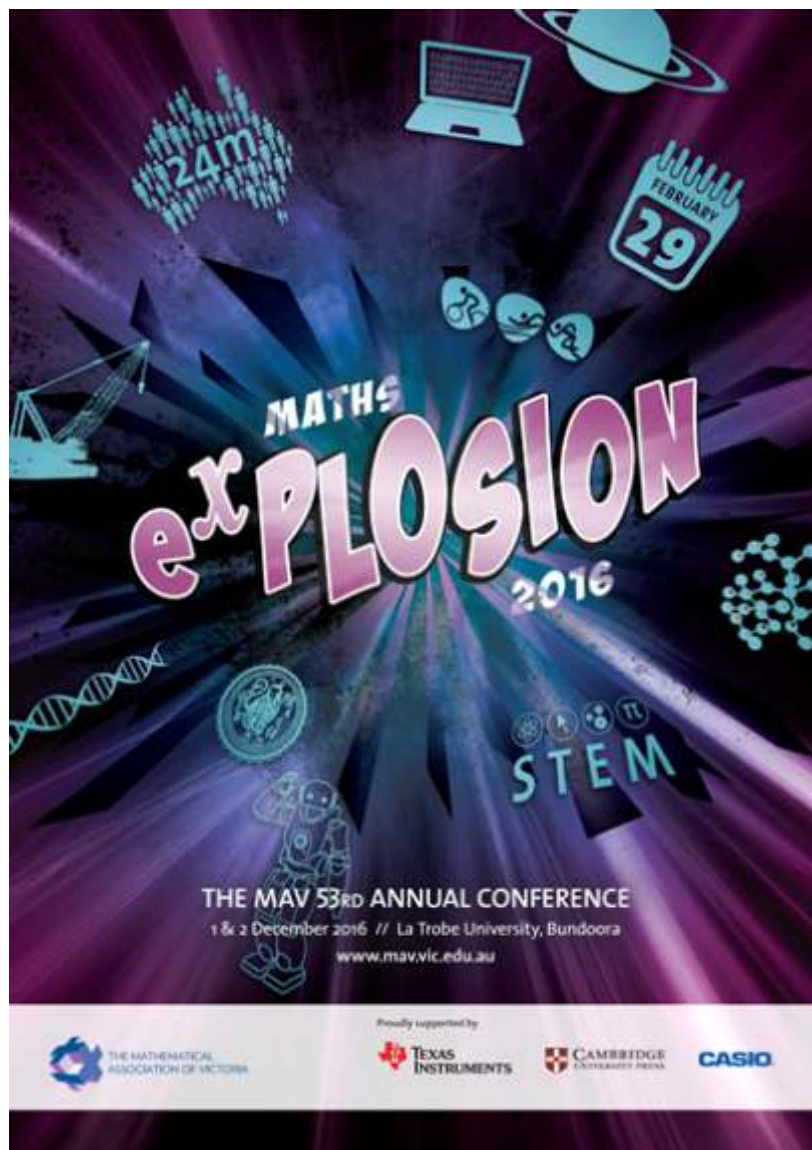
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Join us for Maths Explosion 2016



MAV Annual Conference
Thursday 1 & Friday 2 December 2016
La Trobe University, Bundoora



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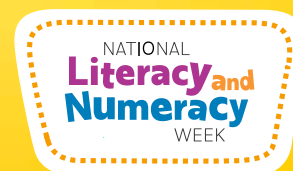
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