

## Digital Learning News

1<sup>st</sup> September 2016



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### **Blog Posts**

**Digital Technologies made easy...** Digital Technologies is a new subject and includes some material that may be unfamiliar to teachers. To support the implementation of the Digital Technologies curriculum, Education Services Australia and Australian Government Department of Education and Training have launched the NEW Digital Technologies Hub. [More...](#)

**STEAM & Sustainability: A day of professional learning for primary teachers:** Design and Technology Teachers Association Victoria DATTA (Vic) in conjunction with Environmental Education Victoria and the National Gallery of Victoria are running a fun-filled day of professional learning for primary teachers on Tuesday 6 September. [More...](#)

**'Most Likely to Succeed' – September Regional film screenings:** DET Learning and Teaching Branch is presenting a series of free screenings of the feature length edu-documentary Most Likely to Succeed at regional locations in September. Following the film there will be a panel discussion featuring school principals, education system leaders, students and industry leaders. [More...](#)

**Young Minds of the Future: Friday 9th September at Canterbury Primary School:** Canterbury PS, Ringwood North PS, and Chatham PS are pleased to announce the Young Minds of the Future event to be held at Canterbury PS on Friday 9th September. Session 1 – 10.30 – 11.30am; Session 2 – 12.15 –

1.15pm. [More...](#)

**'Little Lunch' Webinar for Primary Schools** : 20 October 2016, 12:00pm – 1:00pm - Author Danny Katz & illustrator Mitch Vane of the *Little Lunch* Books. Students and teachers from primary schools across Australia will have a unique opportunity to be part of a live Q&A webinar with both the author and illustrator behind the *Little Lunch books*. [More...](#)

## Virtual Learning News

DigiPubs Calendar - Virtual Learning and Classroom Opportunities: <http://www.digipubs.vic.edu.au/pubs/virtualllearning/>

DET is offering **FREE** online training sessions on the virtual conferencing tools **Adobe Connect** and **Polycom**.

Register NOW to avoid disappointment.

- 6th Sept, 3:45pm - 5:00pm: Introduction to Polycom professional learning sessions: [Click here to register](#)
- 14th Sept, 3.45pm - 5.00pm: Connecting to a Polycom session using Microsoft Lync: [Click here to register](#)

For more info contact [schultz.gary.r@edumail.vic.gov.au](mailto:schultz.gary.r@edumail.vic.gov.au)

### Australian Children's Television Foundation Q&A Webinar for Primary Schools

Author Danny Katz & illustrator Mitch Vane of the Little Lunch Books and ABC3 TV series.

**Thursday, October 20 from 12.00pm – 1.00pm (AEDT Time)**

This event is open to **Years 2-6 primary class groups**.

Places will be limited in the webinar, so check the details below to register.

The webinar is presented by the Australian Children's Television Foundation.

Cost: **Free**

**Email to Register:** [sarah.jones@actf.com.au](mailto:sarah.jones@actf.com.au)

### FREE Sydney Opera House – Virtual Learning Opportunities (via Polycom)

More information at

<http://www.digipubs.vic.edu.au/pubs/virtualllearning/classroom-event-calendar>

- **Staging Stories (Creative Learning)**, 14/15/16 September, 16/17/18 November;  
[http://www.sydneyoperahouse.com/whatson/cl16\\_staging\\_stories.aspx](http://www.sydneyoperahouse.com/whatson/cl16_staging_stories.aspx)
- **From Page to Stage (Creative Learning)**, 12/13 September, 14/15 November [http://www.sydneyoperahouse.com/whatson/cl16\\_fro](http://www.sydneyoperahouse.com/whatson/cl16_fro)

### Australian Nuclear Science and Technology Organisation (ANSTO)

Discover the fascinating world of nuclear science from your classroom, and connect with ANSTO via 'Meet the Expert' free videoconferences.

- **12:30 – 3:30pm, Thursday 17 November:** Kate Brandis analyses bird feathers using nuclear techniques to track the movement of waterbirds to create the first ever Feather Map of Australia.
- **12:30 – 3:30pm, 8 November:** Karina Meredith uses nuclear science to investigate groundwater supplies so that these resources can be used sustainably.
- **12:30 – 3:30pm, 24 November:** Korrily Rule uses neutron diffraction to study superconductors for the next generation of electronics, data

[m\\_page\\_to\\_stage.aspx](#)

- **Significant Australian Places: Sydney Opera House (Creative Learning)**, 24/25  
October [http://www.sydneyoperahouse.com/whatson/cl16\\_significant\\_australian\\_places.aspx](http://www.sydneyoperahouse.com/whatson/cl16_significant_australian_places.aspx)
- **Aboriginal Perspectives of Bennelong Point: Guwany Walama**,  
27/28 October  
[http://www.sydneyoperahouse.com/whatson/cl16\\_guwanyi\\_walama.aspx](http://www.sydneyoperahouse.com/whatson/cl16_guwanyi_walama.aspx)

For more info contact [schultz.gary.r@edumail.vic.gov.au](mailto:schultz.gary.r@edumail.vic.gov.au)

storage and transport.

- **12:30 – 3:30pm, 29 November:** Helen Maynard-Casely uses neutron diffraction to study the crystal structure of ices and how it behaves on other planets.  
For more information and bookings, visit [www.ansto.gov.au/elearning](http://www.ansto.gov.au/elearning).

### **DET Victorian Games and Apps Challenge 2016**



#### **e-Safety coaching (online)**

A series of 'Safe in the Game' sessions, presented by the e-Safety commission and the Department of Education, will support your students to be safe as they work and play in a games environment.

- Tues, 6 September – Keeping Safe in the Game (Session 2, Years 4, 5, 6)
- [Register here](#)

**ELECTROBOARD:** Upcoming events from Electroboard (Polycom) : See [Electroboard](#) website for Virtual Excursions.

**DET Virtual Learning Senior Project Officer, Butch (Gary) Schultz and Virtual Learning Coaches support the development of [Virtual Conferencing across Victoria](#).**

Virtual Conference Centre (VCC) coaches are available to assist teachers and students to prepare for a virtual conference. They can assist with setting up

hardware and software, and can share ideas for connecting with others. Coaching occurs online via discussion forums, email and web conferences, by phone or by site visits. For more information on Virtual Conference Coaches, see: [DET Virtual Conferencing Hub](#).

## Professional Learning and Classroom Opportunities - see our [Professional Learning Calendar](#) for a full list of events

### DET ICT Planning Workshops for School Leaders

These full-day workshops walk school leaders through developing a long-term ICT Plan.

- **Blackburn South:** 2nd Sept at Aurora School.  
<http://tinyurl.com/jt5prbv>
- **Lakes Entrance:** 7th Sept at Lakes Entrance SC.  
<http://tinyurl.com/zpuy5me>
- **Flemington:** 9<sup>th</sup> Sept at Debney Meadows PS.  
<http://tinyurl.com/zhkr3s2>
- **Frankston:** 13th Sept at Neville Rohan Centre, Mount Erin College.  
<http://tinyurl.com/hzgbzx3>
- **Flemington:** 14<sup>th</sup> Sept at Debney Meadows PS.  
<http://tinyurl.com/gv97k8o>



### Heywire Competition Launched

- ABC Heywire is calling on students in Years 10, 11 and 12 to share a story about life in regional Australia. Winners have their voice heard on the ABC, and receive a trip to the Heywire Regional Youth Summit in Canberra.
- Entries close Friday 16 September.
- More information <http://www.abc.net.au/heywire/competition/>

### Office 365 - Full Day Workshop for **LEADERS and TEACHERS**

This one-day workshop will provide attendees with knowledge of Office 365 cloud technologies and their application for transforming teacher practice, and discuss strategies for building teacher capacity. Discover the possibilities of Office tools to support curriculum design and explore the use of collaborative spaces.

- **Thursday 8th September** at Kathleen Syme Library, Carlton. Register [here](#).



### Junior Engineers – Fun computer programming for children

- Junior Engineers offers computer programming courses for Primary and Secondary school students, including:
  - o digital technologies
  - o commands and variables of elementary programming
  - o text-based and graphical input/output
  - o advanced programming techniques
- For more information and registration, please visit <http://www.jnengineers.com>, or contact Eric Jansen: 0419 154 917 or [eric.jansen@jnengineers.com](mailto:eric.jansen@jnengineers.com)

### Inclusion Online

- Free courses in Autism Spectrum Disorder, Dyslexia, Speech and Language, and Hearing Loss offer 20 hours of professional learning over 10 weeks. Register your interest in a course by contacting your region's Online Professional Learning Coordinator:  
[http://www.oltaustralia.net/courses\\_victoria.asp?stateid=9&schooltype=1](http://www.oltaustralia.net/courses_victoria.asp?stateid=9&schooltype=1)



### Adobe

- **[Making the Most of Creative Cloud in the Classroom](#)**
  - Wednesday October 12 (2pm to 6.30pm)
  - Wednesday November 16 (2pm to 6.30pm)
- A new **student video competition**, the **[Adobe 2 Minute Video Challenge](#)** is now available.
  - open to primary, secondary & higher education, students create 1-2 minute video using Adobe products.
  - Submissions before end September 2016 ; prize winners announced in November 2016.
  - Selected entries at <https://vimeo.com/createedu> and the competition website.
- More Adobe Education PL opportunities [here](#).

### **Screen It, The 2016 Competition (ACMI)**

- *Screen It* is ACMI's FREE moving image competition for Primary and Secondary school students. *Screen It* is designed to foster the next generation of film makers.
- Entries open 1<sup>st</sup> August, 2016; entries close 19<sup>th</sup> September 2016 (5pm, AEST). The theme is 'Mystery'. [More...](#)



**Bastow** delivers over 30 innovative, evidence-based and highly relevant courses that respond to the ever-evolving needs of teachers, principals and early childhood professionals at every stage of their career journey.

- To find out about Professional Learning opportunities visit <http://www.bastow.vic.edu.au/courses> or phone Bastow on (03) 8199 2900.



Registrations for the **2016 Go4IT work experience program** are now open. The week long program is designed to give girls who are interested in IT exposure to industry (eg. Westpac), soft skills including an interview skills workshop and hands on IT experience in coding computer software.

- Please save the following dates in your 2016 calendar: 24-28 October  
For more information and for students to apply please visit [www.tcs.com/go4itanz](http://www.tcs.com/go4itanz)

**The Young ICT Explorers (YICTE) competition** is now open for registrations!

YICTE enables students to apply what they learn in their ICT/Digital Technologies classroom to develop a technology related project of their choice.  
<http://www.youngictexplorers.net.au/>



**Microsoft EduCast** brings together academic leaders, innovative institutions, and pioneering educators in a monthly series for educators.

- Register for this live webinar series at <http://www.pil-network.com/pd/VUWebinars>

### CSIRO'S ICT in Schools



- CSIRO's ICT in Schools (ICTiS) program supports the delivery of Digital Technologies curriculum by bringing real-world technology practices into the classroom.
- Programs focus on coding, robotics, project management, networks, big data, communication or computational thinking – it's up to you!
- There is no cost to participate.
- For more information, contact Gill Lunniss ([sis.vic@csiro.au](mailto:sis.vic@csiro.au)) or visit <http://www.scientistsinschools.edu.au/ict/>.

### Google for Education Boot Camp – Level 1 and 2

Register NOW to become a Google Apps for Education Level 1 or 2 Certified Educator

- **Google Level 2 Course:** 9am-3:30pm, 8-9 September 2016
- **Location:** McKinnon SC, McKinnon Rd McKinnon
- **Cost:** (Includes the cost of your exam) \$429 +GST for 1 course; \$797 +GST for both courses (4 days of training)
- **More information and registration:** <http://tinyurl.com/zdybhh6>



### Term 3 School Holidays – NAO Workshops for Students!

- Swinburne University presents NAO robotics workshops, to introduce students to programming and enable them to work closely with robots.
- Students will be introduced to motion and sonar sensors, voice recognition and sound and vision tracking through practical activities.
- The workshop will be run over 3 days (9-3pm) on the **19-21 September** at Swinburne. More information is available [here](#).

### Digital Learning & Teaching Victoria

- Making the most of Creative Cloud in your classroom
  - 27<sup>th</sup> Oct: <https://dltv.vic.edu.au/events/16f2f401-making-most-adobe-creative-cloud-your-classroom>
- DLTV 2016 Digital Learning Showcase (RMIT)
  - Thursday, 1 September 2016 - 9:00am to 3:00pm.  
<https://dltv.vic.edu.au/events/dltv-2016-digital-learning-showcase>
- For all DLTV Professional Learning events, visit <https://dltv.vic.edu.au/events>

### ScopeIT Education

- **ScopeIT Education** provides a broad coding program to primary school students from beginner coding concepts to JavaScript, HTML, Robotics and 3D Printing.
- All equipment is supplied including laptops, internet connection, two instructors for every class and a 3D Printer.
- Courses are aligned to Australian curriculum outcomes.
- For more information contact Tracy Richardson via M:0402 002 014, E: [tracy@scopeITeducation.com.au](mailto:tracy@scopeITeducation.com.au) or visit [www.scopeITeducation.com.au](http://www.scopeITeducation.com.au)



**FREE Computer Science for High Schools (CH4HS)** program over two consecutive days (12 & 13 September 2016). These workshops are for practicing secondary school IT teachers who would like to develop their IT skills.

The proposed program will focus on:

- Interactive Games Programming
- Programming Micro controllers (Arduino boards)

Lunch and morning tea provided. Participant numbers are limited to 30 and you must commit to both full days of the program.

For further information & registration visit <http://tinyurl.com/ztoj2ad>

**Spring into TEAMP Day:** a professional learning day for primary teachers and early years teachers of mathematics and English, conducted as part of National Literacy and Numeracy Week

- 9:30am - 3:30pm, Monday 10 October, 2016
- Australian Centre for the Moving Image, Federation Square, Flinders Street Melbourne

*Register* to attend the event at the venue or *ONLINE* through Adobe Connect [www.springinto.teamp.vic.edu.au](http://www.springinto.teamp.vic.edu.au)

#### **PL OPPORTUNITY!: Asia Education Foundation – BRIDGE School Partnerships**

- Applications now open for [ASEAN, Indonesia and India BRIDGE School Partnership programs](#).
- The Australia–Asia BRIDGE School Partnerships Project connects Australian teachers, students and school communities with their counterparts across the Asia region.
- To learn more about BRIDGE programs visit: [www.asiaeducation.edu.au/BRIDGE](http://www.asiaeducation.edu.au/BRIDGE) or contact BRIDGE Program Manager Aaron O’Shannessy on [a.oshannessy@asialink.unimelb.edu.au](mailto:a.oshannessy@asialink.unimelb.edu.au)

### **Conferences and Events**



**Most Likely to Succeed** – film and discussion panel. Join us for a great night, and post-film discussion, of the edu-documentary ‘Most likely to Succeed’ as we consider the question: How do we best prepare our students for their future?

- **Tuesday 6<sup>th</sup> September** at Brauer College, Performing Arts Centre, 37 Caramut Rd , Warrnambool, . Register [here](#).
- **Wednesday 7<sup>th</sup> September** at Wimmera Trade Training Centre, 300 Baillie St, Horsham. Register [here](#).
- **Thursday 8<sup>th</sup> September** at Goulburn Ovens Institute of TAFE - 152-200 Fryers Street, Shepparton. Register [here](#)

- Further sessions to be organised in Monash, Casey, Lakes Entrance, Frankston and Hamilton.



#### STEAM & Sustainability: A day of professional learning for primary teachers

- **10:00am – 3:00pm**, Tuesday 6<sup>th</sup> September at National Gallery of Victoria
- **COST:** \$190 for members of DATTA Vic/EEV (includes lunch); \$230 for non-members of DATTA Vic/EEV (Includes lunch)
- Learn how to address sustainability successfully across the curriculum and explore Design & Technology as a great vehicle for teaching STEAM & sustainability, take part in a **Trash Puppets** workshop and take away a wealth of ideas for fun, hands-on classroom projects about upcycling, focusing on STEAM & Sustainability and *more...*
- For more information, contact [Laura Murphy](#) from DATTA Vic
- [Register here](#)



#### Event - R U OK?

- 10am – 12:30pm on Thursday 8 September 2016 at AMI, Federation Square
- Film screening, Talks, Q&A
- Suitable for Secondary School Students
- Registration: This is a FREE EVENT. Bookings are essential at <http://thebullyproject.com.au/RUOKDay2016/>



#### 'Young Minds of the Future' event

- **Friday 9th September** at Canterbury Primary School
- Students and Teachers can attend this day where Yrs 5 & 6 students from Victorian primary schools to showcase their interactive exhibitions. Project themes include Melbourne, Travel, Gaming and Tech, Transport, Gadgets, Health, Sustainability and many more.
- For further information and to register your interest, please contact [pluck.carly.m@edumail.vic.gov.au](mailto:pluck.carly.m@edumail.vic.gov.au)



#### Emerging Polymer Summit 2016 (<http://ets16.org/>)

- **4:00 – 5:30pm, 15th September**, Rydges on Swanston Hotel, Carlton
- This event brings together key science and technology researchers around the world to share latest innovations in science, engineering and technology, including areas of health, advanced materials, and sustainability. Secondary Science teachers are invited to attend at no cost.
- To register email [Tu.Le@iirnet.org](mailto:Tu.Le@iirnet.org) with subject line 'EPTS'16 Outreach session registration' by August 2016. Limited seats available.





### Swinburne Conoco Phillips Science Experience 2016 for Year 9 and 10 students

- 13<sup>th</sup> –15<sup>th</sup> September, 2016 at Swinburne University of Technology Hawthorn campus
- \$120 (Rotary scholarships available)
- Find out more and register here: [swi.nu/science-exp](http://swi.nu/science-exp)

## Resources



- **F-6 Digital Technologies:** Foundations course, open from the 22nd August. This course is a free, open professional learning course, designed for primary teachers who would like to understand more about what Digital Technologies is, and what it would look like in their classroom. [Register NOW](#)
- Registrations for Years 7 & 8 ‘**Digital Technologies: Next Steps MOOC**’, and ‘**F-6 Digital Technologies: Extended MOOC**’ for those primary teachers wanting to explore a little further will be open on the 1st September. [More...](#)



- **200 Prep Ideas:** This interactive PDF has 200 digital ideas and activities that you can incorporate into your learning and teaching program. All ideas and activities are linked to the Victorian Curriculum. The activities use all sorts of technologies including iPads, computers, notebooks and cameras. It features selected websites and Apps all available in FUSE. You can access it [here](#).

## Research, Reports and Opinion



**Bahr, N., & Mellor, S., *Building quality in teaching and teacher education***, Australian Education Review No 61. Melbourne: ACER. It includes a Foreword by Prof. Tania Aspland, Executive Dean of the Faculty of Education and Arts, and Professor in Teacher Education at the Australian Catholic University in Sydney. She is also President of the Australian Council of Deans of Education. This title was released 26 July 2016.

Media Release: Higher bar: Professional standards not sufficient for teacher quality.

## DET Mail

- **School and teacher leaders collaborating to design for change.** Bastow’s Leading Curriculum and Assessment course is helping schools to plan and drive what students are learning in the classroom. For Princes Hill Secondary College staff, it helped them to collaborate with other teachers and create an online space to share unit designs and lesson plans. (*School Update*, 23<sup>rd</sup> August)

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Please feel free to pass this on and contact me on [brown.jillian.k@edumail.vic.gov.au](mailto:brown.jillian.k@edumail.vic.gov.au) if you have something you wish to share.

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**Jillian Brown**

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