Digital Learning News

5th August 2016

In this edition:

Blog Posts

Victorian Schools Games and Apps Challenge The Department of Education, Victoria (DET), Microsoft and ACMI are proud to announce the Victorian Schools Games and Apps Challenge. *More…*

Most Likely to Succeed - Upcoming film screenings DET Learning and Teaching Branch in partnership with Bastow Institute of Educational Leadership are presenting a series of free screenings of the feature length edu-documentary *Most Likely to Succeed* at regional locations in August. *More…*

Bastow events not to miss: Bastow is offering two exciting twilight seminars for all education professionals from government and non-government schools and early childhood sector. *More…*

200 'Ideas to Try' for using digital technologies for Prep teachers Here are some practical ideas for teachers and students at Foundation level (Prep) to use digital technologies in learning and teaching. Linked to all areas of the Victorian Curriculum (VC) it is a handy resource to have when planning, and includes a number of activities extending to VC Level 2. *More …*

Virtual Learning News

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

In Term 3, DET is offering **FREE** online training sessions on the virtual conferencing tools **Adobe Connect** and **Polycom.** Register NOW to avoid disappointment.

- Introduction to Polycom professional learning sessions:
  - o Tuesday 6th September; 3:45pm to 5:00pm.
  - o Click here to register
- Making Polycom Bookings via Outlook professional learning sessions:
  - o Thursday 11 August; 1.00pm to 1.45pm
  - o Thursday 25 August at 3.45pm to 4.30pm
  - o Click here to register
- Connecting to a Polycom session using Microsoft Lync
  - o Wednesday 14 September at 3.45pm to 5.00pm
  - o Click here to register
- For more info contact schultz.gary.r@edumail.vic.gov.au

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, 23 Aug:** Tom Cresswell uses nuclear science to investigate how contaminants from mining sites make their way into organisms and food chains in aquatic environments.
- **12:30 – 3:30pm, 25 August:** Brett Rowling monitors groundwater levels in periods of low and high rainfall, and how the chemistry of this water changes over time.
- **12:30 – 3:30pm, 1 September:** Kate Brandis analyses bird feathers using nuclear techniques to track the movement of waterbirds to create the first ever Feather Map of Australia.
- For more information and bookings, visit www.ansto.gov.au/elearning.

Earth Ed Science Centre: Teacher Professional Development Series

Earth Ed will be facilitating a number of professional learning sessions throughout Term 3:
SCIENCE ON A PLATE SERIES

- Why Science Teachers Should Become STEAMIOTS 3; 1-5pm on 8 August
- My Teaching Has Become Robotic, Why Not Yours? 1-5pm on 22 August
- You Call That Data? This is (BIG) Data; 1-5pm on 29 August

- To register, visit http://goo.gl/forms/9XvbQhfFlt or contact admin@earthed.vic.edu.au

Script Writing Workshops for Upper Primary Students
(Years 5 and 6)

This three-part virtual workshop is presented by Australian Children's Television Foundation (ACTF) for students to write their own sketch comedy script.
Workshops provide students with opportunities to connect with other students from around Australia.

- **Thursday 11 August and 18 August – 2pm AEST**

Full details are available - click here. Bookings to sarah.jones@actf.com.au or 03 9200 5522. The **cost is**

	$50 per class.

FURTHER FREE VIRTUAL CONFERENCING OPPORTUNITIES in August

- Aboriginal Perspectives of Bennelong Point: Guwanyi Walama: Monday August 1st, Friday 5th August. This unique digital excursion, presented by an Aboriginal narrator, will take students on a journey of discovery around the area now known as Bennelong Point. FREE to Schools   Book NOW Available again in October.

- CAASTRO: **Awesome Astronomy YouTube Live event** (Year 5 Science)
  Tuesday 9 August, 11:00am
  BOOK NOW via an online registration form! Classroom resources COMING SOON!

- DET: Lost in The Bush (Primary/Special)
  August 12th – 19th – two part program via Polycom with classroom activities –
  Click here for more information and for Registration

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

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*

UPCOMING STEM EVENTS FOR YOUR DIARIES:

- **Monday 22 August:** Invent to Learn with Gary Stager & Sylvia Martinez @ Melbourne Museum
- **Tuesday 23 August:** Girls and STEM / Wearable technology with Sylvia Martinez @ Scienceworks
- **Thursday 25 August**: Reinventing Maths / Wolfram, Gary Stager @ Scienceworks
FURTHER DETAILS TO COME!!

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/

DET ICT Planning Workshops for School Leaders
These full-day workshops walk school leaders through developing a long-term ICT Plan that:

- addresses the learning and teaching goals of the school
- develops a sustainable ICT plan that meets the needs of the school community
- ensures a team approach to ICT planning involving school leaders, ICT co-ordinators, curriculum co-ordinators and technical support staff.

Term three 2016 - ICT Planning Workshops

- **Flemington:** 12th Aug at Debney Meadows PS. http://tinyurl.com/zaxmjug
  Wangaratta: 19th Aug at Wangaratta HS. http://tinyurl.com/zkpfbdd
- **Blackburn South:** 23rd Aug at Aurora School. http://tinyurl.com/zqcjhbc
- **Moe:** 25th Aug at Moe Regional Office. http://tinyurl.com/hvlrt3j
- **Mildura:** 31st Aug at Ranfurly PS. http://tinyurl.com/hvfsum4
- **Blackburn South:** 2nd Sept at Aurora School. http://tinyurl.com/jt5prbv
- **Lakes Entrance:** 7th Sept at Lakes Entrance SC. http://tinyurl.com/zpuy5me
- **Flemington:** 9th Sept at Debney Meadows PS. http://tinyurl.com/zhkr3s2

Adobe

- **Making the Most of Creative Cloud in the Classroom**
  - o Wednesday October 12 (2pm to 6.30pm)
  - o 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.

- **Frankston**: 13th Sept at Neville Rohan Centre, Mount Erin College.
  http://tinyurl.com/hzgbzx3
- **Flemington:** 14th Sept at Debney Meadows PS.
  http://tinyurl.com/gv97k8o

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.

- **Monday 15th August** at Neville Rohan Centre, Mt Erin Secondary College, Frankston. Register here.
- **Tuesday 23rd August** at St Helena Secondary College, Eltham North. Register here.
- **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:
  - digital technologies
  - commands and variables of elementary programming
  - text-based and graphical input/output
  - advanced programming techniques
- For more information and registration, please visit http://www.jnrengineers.com, or contact Eric Jansen: 0419 154 917 or eric.jansen@jnrengineers.com

Microsoft 21st Century Learning Design Program (21CLD)

-Monday 29th August and Tuesday 30th August (2 day)
at Freshwater Place, Southbank. Register here.
- Make connections with 21CLD and the Australian National Curriculum
- Discover rubrics for measuring use of these "6 skills set" in classroom and project work
- Learn how to code and design your own curriculum,

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: 22-26 August, 24-28 October
For more information and for students to apply please visit www.tcs.com/go4itanz

to get you started on implementing 21CLD.

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

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/

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 1st August, 2016; entries **close 19th September** 2016 (5pm, AEST). The theme is 'Mystery'. *More…*

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

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.

Digital Learning & Teaching Victoria
- Making the most of Creative Cloud in your classroom
  - 27th 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

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) or visit http://www.scientistsinschools.edu.au/ict/.
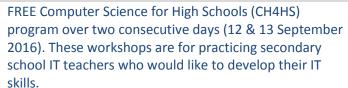
ScopeIT Education

- **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 or visit 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

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.

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 1 Course:** 9am-3:30pm, 25-26 August 2016
- **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

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?
- **Wednesday 17th August** at Swan Hill Town Hall Auditorium, 53 McCallum Street, Swan Hill. Register here.
- **Thursday 18th August** at Plenty Ranges Arts & Convention Centre, 35 Ferres Boulevard, South Morang. Register here.
- Further sessions to be organised in Monash, Lilydale, Casey, Warrnambool, Lakes Entrance, Frankston, Horsham, Mildura and Hamilton.

FREE Microsoft Innovating Education Full Day Event in Ballarat
Discover the latest Microsoft technologies for learning. This **free** one-day professional learning conference is aimed at *Teachers and IT support staff* where you will deep dive and experience yourself the power of Microsoft for learning.
- **9:00 – 3:30pm, Thursday 25th August** at Ballarat South Community Hub @ Phoenix P-12 Community College
This is a free event and includes lunch and refreshments.
Further information. Register at https://aka.ms/msftballarat

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FURTHER DETAILS TO COME!!

Resources

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.

Olympics Resources: The Olympic Games offer plenty of opportunities for teaching and learning - from the history of the ancient Games and symbology, to politics, concurrent historic events and the relationship between sport and patriotism. Click both 'View' and the title above for a range of education resources. *More…*

ARTS:LIVE
Take your students on a creative journey with ARTS:LIVE, the one-stop hub for Australian curriculum-aligned digital resources across music, dance, drama, visual arts and media arts. Endorsed by Education Services Australia, ARTS:LIVE provides all Australian primary and secondary school teachers with free and easy to access, in-depth, classroom-ready teaching and learning materials from Foundation to Year 10. Further information is available here.

Research, Reports and Opinion

A Heartfelt Tribute to Seymour Papert: *"The world lost an amazing wit, intellect, inventor, bricoleur, scholar, freedom fighter, and friend with the passing of Seymour Papert. He was arguably the most influential educator of the past half century. It would be wise for us all to start thinking about what we each might do to build upon his mighty legacy."* This issue of CTR Weekly marks the first since the passing of Seymour Papert. One of his former collaborators, Dr. Gary Stager penned this tribute. *More…*

DET Mail

Victorian Schools Games and Apps Challenge
Students across all Victorian schools in Years 6, 8 and 10 can participate in the challenge to produce their own prototype app. Submissions close Friday 14 October. (published 2 Aug, 2016)

Most Likely to Succeed **film screenings**

Bastow and the Department are hosting free screenings of the ground-breaking edu-documentary across Victoria. All educators, community members, family and friends are invited to attend. (published 2 Aug, 2016)

Tweet of the week:
Students – win great prizes by entering @**ACMI**'s Screen it! filmmaking competition for primary and secondary students http://bit.ly/2aI9MFU. (published 2 Aug, 2016)
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Please feel free to pass this on and contact me on brown.jillian.k@edumail.vic.gov.au if you have something you wish to share.
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