Digital Learning News

19th August 2016

In this edition:

- Blog Posts
- Virtual Learning News
- Professional Learning and Classroom Opportunities
- Conferences and Events
- Resources
- Research

Blog Posts

'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…*

Book Week 20-26 August: Virtual Authors' Project Department of Education NEV and NWV Virtual Learning Coaches are hosting three exciting webinars in Book Week (20-26 August) this year. These shortlisted authors will be available across the week for a 45 minute virtual visit to Victorian schools. These webinars are free and recommended for Foundation – Grade 3 students. *More…*

DET ICT Planning Workshops for School Leaders, Term Three Workshops, 2016
Run by the DET Learning and Teaching Branch and the Information Technology Division, these full-day workshops walk school leaders through the process of developing a long-term school ICT Plan. *More…*

STEM Professional Learning Opportunities Don't miss DET Learning and Teaching branch series of STEM workshops in term 3 with Sylvia Martinez and Gary Stager, authors of 'Invent to Learn: Making, Tinkering and Engineering in the Classroom'. Each workshop will run from 9.00am – 3.30pm. These

workshops will be free of charge to Victorian Government teachers. *More …*

Virtual Learning News

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

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

DET Victorian Games and Apps Challenge 2016

Tools Coaching Webinars (online) with Microsoft products
- Mon, 22 August – Matt Jorgensen: Minecraft Edu

Please ensure you register to take part by clicking on the Register link for each session.

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
- 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

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.
- Thurs, 1 September – Keeping Safe in the Game (Years 4, 5, 6)
- Thurs, 1 September – Keeping Safe in the Game (Years 8 and 10)
- Tues, 6 September – Keeping Safe in the Game (Session 2, Years 4, 5, 6)
- Register here

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

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.

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

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 Victorian Games and Apps Challenge 2016
Games and Apps Challenge: Special PL night - (in person) at ACMI X: Victorian Schools Games and Apps Challenge PD night
- 5pm - 6:30pm on Tuesday 23 August
- ACMI X (our new co-working space, Level 4, 2 Kavanagh Street, Southbank in the Australian Ballet School building, behind the Arts Centre.)

Register: Please RSVP to: Kate.Ficai@acmi.net.au
Further information

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.jnrengineers.com, or contact Eric Jansen: 0419 154 917 or eric.jansen@jnrengineers.com

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
- **Blackburn South:** 23rd Aug at Aurora School. http://tinyurl.com/zqcjhbc
- **Moe:** 25th Aug at Moe Regional Office.

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.

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
- **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.

- **Tuesday 23rd August** at St Helena Secondary College, Eltham North. Register here.
- **Thursday 8th September** at Kathleen Syme Library, Carlton. Register here.

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

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, to get you started on implementing 21CLD.

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/

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

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

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…*

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 https://dltv.vic.edu.au/events

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.

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

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.
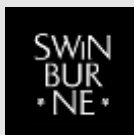- For more information, contact Gill Lunniss (sis.vic@csiro.au) or visit http://www.scientistsinschools.edu.au/ict/.

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.

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.

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

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

- **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 31st August** at Lilydale Heights College, 17 Nelson Rd, Lilydale. Register here
- **Tuesday 6th September at** Brauer College, Performing Arts Centre, 37 Caramut Rd , Warrnambool, VIC 3280. Register here.
- **Wednesday 7th September** at Wimmera Trade Training Centre, 300 Baillie St, Horsham. Register here.
- **Thursday 8th 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.*

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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- **Thursday 25 August**: Reinventing Maths / Wolfram, Gary Stager @ Scienceworks
FOR MORE INFORMATION FOR THESE 3 EVENTS, VISIT http://diglearning.global2.vic.edu.au/2016/08/08/stem-professional-learning-opportunities/

DIGITAL LEARNING SHOWCASE 2016

- **1st September, 2016** at RMIT Academic Building 80, 445 Swanston St, Melbourne
- For all Victorian students and teachers.
- The Digital Learning Showcase is a day for students to celebrate digital technologies in education and discover the different digital career pathways for your students.
- Get your FREE ticket online at https://dltv.vic.edu.au/events/dltv-2016-digital-learning-showcase

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

- **10:00am – 3:00pm,** Tuesday 6th 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

'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

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** with subject line 'EPTS'16 Outreach session registration' by August 2016. Limited seats available.

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

- **OECD report. What makes a school a learning organisation? A guide for policy makers, school leaders and teachers.**
- In response, a growing body of scholars, educators and policy makers is making the case that schools should be reconceptualised as "learning organisations" that can react more quickly to changing external environments, embrace innovations in internal organisation, and ultimately improve student outcomes. *More…*

DET Mail

Most Likely to Succeed *film and panel*
Department staff are invited to join members of the community at a free film screening and panel discussion about creating opportunities for students to succeed in education. *More…* (12th August)

Tweet of the week:
We joined forces w/ @**Microsoft** & @**ACMI** on #**VIC** Schools Games & Apps Challenge for students to make problem-solving apps bit.ly/2aIftPO (9th August)
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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.
Subscribe to Digital Learning News!

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