Digital Learning News

31st August 2015

Blog Posts

Education in Games Summit 2015 – A Gameful World As part of the International Games Weeks being held in Melbourne in October the 'Education in Games Summit 2015 – A Gameful World.' will provide Victorian Primary and Secondary teachers with a unique opportunity to hear from some of the leading players in the game development industry. *Read more…*

2015 ACHPER Conference – Health, Outdoor, Sport & Physical Education
The Australian Council for Health, Physical Education and Recreation (ACHPER), Victorian Branch invites teachers to join a vibrant 'community of practice' by attending this year's ACHPER Conference 26-27 November Monash University, Clayton. *Read more…*

Global Collaboration Day, September 17, 2015
Join 1,000's of educators for the very first 'Global Collaboration Day' – September 17, 2015.
Full details on website – Global Collaboration Day use the hashtag #globaled15
The 2015 Global Education Conference will be held November 16-November 19.*Read more…*

Bastow Institute of Educational Leadership. Bastow delivers innovative and evidence-based leadership development that responds to the ever-evolving needs of teachers, principals, education support and early childhood professionals at every stage of their career journey. Bastow is a branch within the Department of Education and Training (DET) offering leadership development that is highly relevant and closely aligned with current policies and frameworks.*Read more…*

Flat Connections global projects starting in September Many online globally collaborative projects for K-12 start again September 2015 to coincide with the beginning of the school year in the Northern Hemisphere. *Read more…*

AEU and TLN professional learning. The Australian Education Union (AEU) and the Teacher Learning Network (TLN) are presenting the following professional learning events for teachers, early childhood educators and pre-service teachers. A number of these events are held online.
Read more…

2015 Heywire Competition is open now. The ABC's 2015 Heywire Competition is open now and closes on Wednesday September, 16 2015. Enter now! The heart of Heywire is an individual telling a personal story. You must be aged 16-22 on 31 January 2016. You must also live in Australia, but not in Adelaide, Brisbane, Melbourne, Perth or Sydney. *Read more…*

Surf Coast Secondary share with their professional learning series A new school located in Torquay, Surf Coast Secondary College is a community of life-long learners that are committed to providing ongoing, relevant and timely professional learning for our staff that improves our knowledge and practice in addressing students' needs .*Read more…*

Virtual Learning News

Upcoming Polycom events from DET Digital Learning Branch

- 13th Aug & 3rd Sept, 3:45pm – 5:00pm: Understanding Polycom, MSLYNC and where to locate specialist content events for your classrooms. (repeated session). Polycom dial in number 13th Aug (6186364). 3rd Sept (6186093)

- 1st Sept, 3:45pm – 5:00pm: Building Skills: Pedagogical tips for engagement when using Polycom and MSLYNC. Polycom dial in number 1st Sept 6116807

    For all of the events above, click HERE to book, and then dial in on your Polycom Unit at the appointed time using the number provided

Upcoming events from Electroboard (Polycom)

See the See, Share, Shape website for more Virtual Excursions

Tue 1st Sep Multiple Sessions
A Creative Storytelling workshop Sydney Opera House: Staging Stories (Kindergarten, Year 1,Year 2,Year 3) Interactive workshop for the Infants classes to develop talking and listening skills and exploring features of narrative texts.

Tue 1st Sep 02:00 PM - 02:45 PM
NRL One Community - Tackle Bullying (Year 3,Year 4,Year 5,Year 6) Join the NRL's One Community as we prepare to Tackle the issue of Bullying

Tue 1st Sep 03:30 PM - 04:00 PM
Primary Teacher Science PD Fizzics Education - Teacher PD Teachers Find out how your primary classroom can be transformed into an interactive science environment without breaking the bank

Tue 1st Sep Multiple Sessions
Biodiversity Month - Possums and their habitats (Year 5,Year 6) Students learn about an iconic Australian animal and it's habitat.

Wed 2nd Sep 11:00 AM - 12:00 PM
Dexter the Courageous Koala with Author Jesse Blackadder (Session 2) Harper Collins: At Home Amongst the Gumtrees (Year 3,Year

4,Year 5,Year 6) September is Save the Koala Month, the session will have a representative from the Australian Koala Foundation where the students will hear about their work.

Wed 2nd Sep 10:45 AM - 11:30 AM
A Creative Storytelling workshop Sydney Opera House: Staging Stories (Kindergarten, Year 1,Year 2,Year 3) Interactive workshop for the Infants classes to develop talking and listening skills and exploring features of narrative texts.

Wed 2nd Sep 02:00 PM - 03:00 PM
State Library NSW - From Captain Cook to the Convicts (Year 2,Year 3) In this virtual excursion students will interact with some of the key items relating to the British Colonisation of Australia including personal items owned by Captain James Cook, an original letter from the First Fleet and other fascinating original items from the period.

Thu 3rd Sep Multiple Sessions
Plant life cycles Royal Botanic Gardens: Seed Stories (Year 1,Year 2,Year 3,Year 4) This video conference shows students how scientists and botanists understand plants and their life cycles. Students will observe different seeds, how they are dispersed and how this allows the life cycle of the plant to continue.

Fri 4th Sep Multiple Sessions
Plant life cycles Royal Botanic Gardens: Seed Stories (Year 1,Year 2,Year 3,Year 4) This video conference shows students how scientists and botanists understand plants and their life cycles. Students will observe different seeds, how they are dispersed and how this allows the life cycle of the plant to continue.

Fri 4th Sep Multiple Sessions
Biodiversity Month - Birds and their habitats (Year 5,Year 6) Students are encouraged to explore Australia's biodiversity in relation to Birds and Plant

Tue 25th Aug
A Convict Story (Year 3,Year 4) Bring the convict story of Hyde Park Barracks Museum into your classroom with a virtual excursion!

Mon 7th Sep Multiple Sessions
Troopers, Trackers and Bushrangers Law of the Land (Year 5,Year 6) In this virtual excursion your students will go back in time to the 1880's to share an hour in the life of a Mounted Trooper (played by a costumed interpreter) as he talks about the difficulties the police faced in overcoming the threat of bushrangers in NSW. The Mounted Trooper has lots of stories to tell about his life in the bush and his exploits in bringing the bushrangers to justice.

Tue 8th Sep Multiple Sessions
Our Endangered Flora and Fauna Threatened Species Day (Year 3,Year 4) Educate students about threatened species in Australia and what they can do to help.

Wed 9th Sep Multiple Sessions

Troopers, Trackers and Bushrangers Law of the Land (Year 5,Year 6) In this virtual excursion your students will go back in time to the 1880's to share an hour in the life of a Mounted Trooper (played by a costumed interpreter) as he talks about the difficulties the police faced in overcoming the threat of bushrangers in NSW. The Mounted Trooper has lots of stories to tell about his life in the bush and his exploits in bringing the bushrangers to justice.

Fri 11th Sep Multiple Sessions

Desert and rainforest adaptations Royal Botanic Gardens: Survive and Thrive (Year 5,Year 6) Desert and rainforest plants and their adaptations for survival

Tue 15th Sep Multiple Sessions

Biodiversity Month - Australia's marine life & Sharks (Year 5,Year 6) This session will take a close look at biodiversity in relation to Australian's Marine Life.

Other events

·   **iPads for *Learning* – online professional learning facilitated through Polycom and MS Lync** - *Recordings of the iPads for Learning webinars can be accessed via* http://fuse.education.vic.gov.au/?GKN9P4

Virtual Learning Senior Project Officers, Jo Tate (tate.joanne.e@edumail.vic.gov.au) and Butch (Gary) Schultz (schultz.gary.r@edumail.vic.gov.au) support the development of Virtual Conferencing across Victoria.

Professional Learning and Classroom Opportunities- see our Professional Learning Calendar for a full list of events

- ·   **Learning and Teaching with Digital Technologies, Tools and Resources**: A no cost professional learning workshop for teachers and Leaders designed to harness blogging, digital content in FUSE, interactive web 2.0 tools, coding and programming and more to support student learning.
  - o Thur 10th Sept, 1:30pm – 4:30pm: Mt Erin SC, Frankston

·   **New online free live Adobe events**
  - o 31st August - Captivate Basics
  - o 8th September - Turning the wheel

·   **CreateEDU TV**- A new set of videos outline a range of Adobe in Education programs is now available to view on CreateEDU TV on Vimeo via: https://vimeo.com/createedu

·   More on professional learning through Adobe is available at https://edex.adobe.com/professional-

- o Tues 15th Sept, 1:30pm – 4:30pm,Library at the Dock, Docklands.
- **Registration is compulsory: http://bit.ly/1TH33ci**
- **School ICT Planning**: The School ICT Planning Process will assist schools to plan for ICT to improve learning, teaching and administration.
- *Due to the success of Term One and Term Two workshops, further workshops will be scheduled for Term Three. Watch this space or visitDigital Learning News.*

- · **21st Century Learning Design Workshops**: Helps teachers to develop a shared understanding of important 21st century skills, and learning opportunities that encourage their development in students.
  - o 16 October 2015, Castlemaine North Primary School, Castlemaine
- *For more information*

development/

- **VCE Computing Implementation Workshops** – various dates, various Victorian locations
- 3rd Sept (Caroline Chisholm College, Braybrook) - **Simple ePortfolios with Adobe Acrobat Pro**
- 16th Nov (Strathcona, Canterbury) – **Simple ePortfolios with Adobe Acrobat Pro**.
- For all DLTV Professional Learning and events, see Professional Learning and Events https://dltv.vic.edu.au/events
- The first issue for 2015, DLTV Journal has been published online. To view articles regarding ICT in education see DLTV publications, https://dltv.vic.edu.au/publications/journals/DLTV

- 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

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

· **ACMI *Screen It* 2015 moving image competition**. Registrations are now open for Primary and Secondary school students to enter. Entry categories include Animated Film, Live Action Film, Videogame.

· **Peer Coaching for ICT School Leaders** - supporting teachers and leaders in ICT. Registration to attend the workshops are available online by visiting:
   o Peer Coaching Events 13, 21 October 2015 *fully booked- more events coming!

'Education in Games Summit 2015 - A Gameful World'
Date: Thursday, October 29
Time: 8.30am – 4.30pm
Venue: Melbourne Convention & Exhibition Centre
For: Primary & Secondary Teachers
Cost: $90 (ex-GST) *Includes access to Day One of PAX Australia
Email: digital.learning@edumail.vic.gov.au for Registration Details

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 Term 4 course via Eventbrite: https://edugate.eduweb.vic.gov.au/newsevents/schoolbull/Pages/Professional-Learning-%E2%80%93-Inclusion-Online-courses-available-Term-4,-2015.aspx

· Primary Connections: Introduction to building literacy through an inquiry science program. Suitable for all Primary teachers. Wednesday October 23rd, 9am – 3pm at KIOSC. Cost: $130 + GST

· Expression of interest: kiosc@swin.edu.au

ATOM competition: 2015 MY STORY MY CONTENT SHORT FILM COMPETITION
CREATE A 60-SECOND FILM AND WIN
ONE OF TWO $1000 CASH PRIZES, PLUS
DVD/BLU-RAY PACKS, MOVIE TICKETS AND MORE!
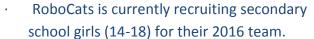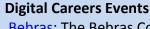http://atom.asn.au/atom/msmc2015/cfe5.html

ATOM State Conference
2015 ATOM Vic. State Conference: New Perspectives
The 2015 ATOM Vic. state conference, New Perspectives, is an action-packed two days of seminars, workshops, inspiration and networking. Not to be missed!

http://www.metromagazine.com.au/bookings/conference.asp

Digital Careers Events
Bebras: The Bebras Computational Thinking Challenge for 2015 will run again between the 7 – 18 September. Year 1-12 students from around Australia are invited to participate in this nation wide challenge. Computational thinking and logic are seen as the foundation skills to structuring and solving problems. Bebras introduces students to these concepts in a fun, engaging way. The Challenge is free for schools and runs in a single classroom period. All you need is an internet connection. More information.

September School Holidays – NAO Workshops for Students!
Swinburne University will be holding a NAO workshop for students over the September school holidays. NAO robotics course is designed to introduce students to programming and enable them to work closely with these robots. Students will be introduced to motion and sonar sensors, voice recognition and sound and vision tracking through hands-on practical activities which will bring the NAO robots to life.
What is NAO?
NAO is a little character with a unique combination of

- RoboCats is currently recruiting secondary school girls (14-18) for their 2016 team.
- In 2015, an all girls' Victorian team, 'RoboCats' competed in the FIRST Robotics Regional Tournament in Sydney and received the Judges' Award .
- Interested students should contact Therese Keane (tkeane@swin.edu.au).
- For further information see http://www.melbournerobocats.org

hardware and software: it consists of sensors, motors and software driven by a dedicated operating system. NAO gets its magic from its programming and animation.The workshop will be run over 3 days (9-3pm) on the 23, 24 and 25 September at Swinburne. For further information and registrations please see the following URL

http://www.swinburne.edu.au/events/departments/health-arts-design/2015/09/nao-robotics-course--three-day-workshop.php

These workshops will be available to students from Years 5 -Year 9 and will be limited to 10 students per workshop.

The cost per workshop is $300

Charels Latrobe College: Classroom of the Future Webinar dates and topics Term 4, 2015:

1. Social media for learning – the Yammer experience
   7th October, 4:00-4:40pm
   Respond via Eventbrite
   http://tinyurl.com/phqyvhs

2. STEM in schools – setting up a maker space and club
   21st October, 4:00-4:40pm
   Suitable for all teachers and leaders interested in helping students make and create.
   Respond via Eventbrite
   http://tinyurl.com/ndm4mbz

3. Coding in school – where to start? (Targeted at primary schools)

SCSC Professional Learning sessions 2015

These sessions provide a valuable opportunity to find out more about contemporary learning practices through five different sessions:

What pedagogy really works in a flexible learning space?
Wednesday August 26 9am to 3pm
Using iPads to make student thinking transparent
Thursday September 17 9am to 12pm
Using the Solo Taxonomy to scaffold deep learning in classrooms
Thursday September 3 9am to 12pm
Learning analytics and how data can be used to inform teaching and build student independence.
Wednesday September 9 9am to 12pm

4th November, 4:00-4:40pm
Respond via Eventbrite
http://tinyurl.com/oddkdbj

4. Leading digital change in schools – lessons for digital leaders
18th November, 4:00-4:40pm
Respond via Eventbrite
http://tinyurl.com/ozluaph

Data collection and analysis tools for the contemporary classroom
Wednesday September 9 1pm – 4pm
Download this form to find out more and register:
SCSC Professional Learning sessions 2015
or visit www.scsc.pdplace.weebly.com
For more information or general inquiries, contact Erin Weightman on 52616633 or
weightman.erin.j@edumail.vic.gov.au

Maths Challenges for Levels F-1-2
Maths Challenges involves each class designing and submitting a math challenge to the other classes (and themselves) to complete during the week, then coming together through Polycom/MS Lync to share results / findings etc.
Polycom sessions will be held each Friday mornings at 9.30am., starting week 2 of term 4 2015. Classes will be able to join in all or a selection of the sessions offered.
A Google Doc folder has been set up at:
https://drive.google.com/folderview?id=0BzQw9Jy1ld4XfnpLUnpPMVlGSWlzVWpZbmR5Q0pBdEdQSEFjVE9KOVNRbFVPRmE2OVdqMGc&usp=sharing
for signing up and uploading of the maths challenges.
email wilson.lisa.j@edumail.vic.gov.au with questions / suggestions etc. regarding the Maths Challenges -

Veski: Promoting yourself - marketing your talents
When: Monday, 14 September 2015 - 12.00pm to 2.00pm
Where: The Shell Conference Centre, 1 Spring St, Melbourne (enter via Flinders Ln)
Join veski for lunch and hear from inspiring panelists, engage with peers in interactive workshops, and network with Victorian women and men across science, research, innovation and industry.
veski is supporting career progression of Victorian women through the provision of resources, information and opportunities; partnerships with government, industry, community and academia; and professional development and networking opportunities.
http://www.veski.org.au/inspiring-women/pd-networking-sept-invite

Conferences and Events

CSE Conferences

Future of Learning (Pedagogical Futures)

The purpose of this workshop is to equip participants with examples of leading teaching and learning practice from around the world designed to meet young people's needs in today's world. It will introduce design-led tools and processes that can support the creation of powerful learning experiences in your school.

http://www.cse.edu.au/sites/all/modules/civicrm/extern/url.php?u=985&qid=1505795

·

·   **'Careers Without Borders', NAGCAS (National Association of Graduate Careers Advisory Services) Conference 2015**: 29 November - 2 December 2015, University of Melbourne

·   **CEAV Career Conference 2015 – Career Development in a Changing World – global mobility and STEM careers**: 8th & 9th December, Deakin University

AusVELS Digital Technologies News

·   **CSER Digital Technologies – Foundation to Year 6**(Commences 31st July 2015)- This free MOOC will explain the fundamentals of digital technology and computational thinking specifically addressing learning objectives of the Australian Digital Technologies curriculum (Foundation-6). Learn about how digital technology can be integrated into your classroom, exploring example lesson plans, and helping form a community designed to share resources and support. *More…*

Resources

·   **The Ultimate STEM Guide for Kids: 239 Cool Sites About Science, Technology, Engineering and Math:** STEM websites, challenges, contests, Awards, career resources, initiatives, games and apps. Although this site is sourced from U.S. there is a lot of relevant resources for Australian STEM teachers to access.

·   *Each fortnight we feature one of our Digital Deck cards. The Digital Deck features digital resources, providing an overview, how to get started, and ideas for the classroom. For the full version of Digital Deck, visit https://fuse.education.vic.gov.au/pages/View.aspx?pin=J7QNR9*

·   *If you have any of your own ideas for Digital Deck cards and would like to submit them to the Digital Learning*

team, please contact *rowe.penelope.m@edumail.vic.gov.au*

Digital Deck 5: What are…Web Mapping Services?

Web-mapping is the process of generating and delivering maps and geographical information via the world wide web. Google Maps is a well known example of a web-mapping service. This service provides tools that allow you to search for residential addresses, business locations and landmarks across the world. See satellite images of areas you select, pan and zoom identified areas, plan travel routes and discover information about places globally. Web-mapping services can offer a range of maps to view, including topographic maps, street maps and maps with geographic features highlighted.

Getting started today

- Explore some web mapping services. You can start by trying:
- Google Maps https://maps.google.com.au/
- Yahoo Maps http://maps.yahoo.com
- LiveSearch Maps http://maps.live.com
- Where Is www.whereis.com
- Visit Google Maps - Education for help in getting started with web mapping.
http://maps.google.com/help/maps/education/
- Try Google Earth. This is a virtual globe which allows you to fly anywhere on earth and zoom in to see satellite images, photographs, 3D buildings and terrain around the globe. You will need to download the program. http://earth.google.com

Ideas for the classroom

·   Use web-mapping to locate places where significant historical events have taken place e.g. Egypt, World War I and World War II sites.

·   Get students to identify landmarks and make hypotheses about the climate, population, wealth, etc.

·   Use web-mapping to plot a path for excursions or map and calculate the distance for alternate routes.

·   Take virtual tours of countries you are learning about e.g. pinpoint places where pen pals live, where students were born, etc.

·   Place historic and current and information about your local area on a Google Map. Record interviews and add these too.

·   Use web-mapping to locate and find out more information about global news events e.g. volcanoes,

bushfires, tsunamis, earthquakes or floods.

New Vision for Education: Unlocking the Potential of Technology: To thrive in a rapidly evolving, technology-mediated world, students must not only possess strong skills in areas such as language arts, mathematics and science, but they must also be adept at skills such as critical thinking, problem-solving, persistence, collaboration and curiosity. All too often, however, students in many countries are not attaining these skills. In this context, the World Economic Forum has taken on a multi-year initiative, New Vision for Education, to examine the pressing issue of skills gaps and explore ways to address these gaps through technology.

In this report, we undertook a detailed analysis of the research literature to define what we consider to be the 16 most critical "21st-century skills". Our study of nearly 100 countries reveals large gaps in selected indicators for many of these skills – between developed and developing countries, among countries in the same income group and within countries for different skill types. These gaps are clear signs that too many students are not getting the education they need to prosper in the 21st century and countries are not finding enough of the skilled workers they need to compete. To read more download the paper: http://www3.weforum.org/docs/WEFUSA_NewVisionforEducation_Report2015.pdf

What Works Best in Education: The Politics of Collaborative Expertise- John Hattie

In a companion paper (What Doesn't Work in Education: The Politics of Distraction), John set out a long list of policy prescriptions, which, he argues, are unlikely to have the impact we are looking for. This is that every student, irrespective of where they are starting from, makes at least a year's worth of progress for a year's worth of input. John's objective in this paper is to set out how we can achieve this goal.

His starting point is that the variability between schools in most Western countries is far smaller than the variability within schools, or, more simply, that it matters much more which classroom you go to than which school. Which takes us directly to the question of how to increase the expertise of all teachers . . . At the heart of John's answer is the notion of collaborative expertise, of all parts of the education system working to the above goal,knowing their impact and reacting accordingly.https://www.pearson.com/content/dam/corporate/global/pearson-dot-com/files/hattie/150526_ExpertiseWEB_V1.pdf

· **Promote SchoolMate to Parents at Your School**: Thanks to all those schools sharing the word about our SchoolMate app with your parents. We have had over 6000 downloads so far. Help us reach thousands more parents by continuing to spread the word about SchoolMate. (DET School Update, 2nd June 2015)

Please feel free to pass this on and contact me on blanks.marcellinus.b@edumail.vic.gov.au   if you have something you wish to share.

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