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| **[Digital Learning News](http://diglearning.global2.vic.edu.au/%22%20%5Ct%20%22_blank)** 17th November 2014 | Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: cid:image003.jpg@01CF27E8.84172900 |
| Hi everyone,This week we focus on coding - there’s lots of exciting news and resources coming from schools and educators across the state, including a blog post from one of our students who participated in the School’s Hackathon recently. We have a new column titled ‘AusVELS Curriculum News’ to share resources and news on the Digital Technologies curriculum, and we share a good news story about a collaborative project between a school in Ballarat and China. Have a good week! |
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| **This Weeks Blog Posts*****Schools Hackathon @ Melbourne Knowledge Week***On Friday 31 October, 25 students from 4 Victorian schools participated in the Schools Hackathon, presented by NICTA and Digital Careers as part of Melbourne Knowledge Week 2014. Thomas Hilder, Year 9 student at Warragul Regional College recaps the day’s events.[*Read more….*](http://diglearning.global2.vic.edu.au/2014/11/10/schools-hackathon-melbourne-knowledge-week/)***East Meets West on a budget in the South West Victoria Region***For the past two years, [Canadian Lead Primary Schoo](http://www.clps.vic.edu.au/)l in Ballarat has been collaborating successfully with a partner school in mainland China. Senior Project Officer, Jo Tate, and teacher, Heather Lim report on their project. [*Read more…*](http://diglearning.global2.vic.edu.au/2014/11/10/east-meets-west-on-a-budget-in-the-south-west-victoria-region/) |
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| **Polycom News**  |
| Upcoming events from Electroboard20 Nov: [Feathers for Phoebe](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7971&SessionID=8352&ActivityID=11038), 11:00am, Years Pre-Foundation-Foundation21 Nov: [What Happened Next?,](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7970&SessionID=8351&ActivityID=11037) 9:15am, Years 3-525 Nov: [Seed Stories](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7856&SessionID=8238&ActivityID=10924), 11:15am & 2:00pm, Years K-2 Science25 Nov: [Fizzics Education](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7871&SessionID=8252&ActivityID=10938), 2:00pm & 3:30pm, Years 5-1225 Nov & 26 Nov: [Guwanyi Walama](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7966&SessionID=8347&ActivityID=11033), 10:30am, 11:45am & 1:45pm, Years 3-626 Nov, 27 Nov & 28 Nov, [Law of the Land](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx?EventID=7948&SessionID=8329&ActivityID=11015), 9:00am, 11:30am, 12:30pm, Years 5-6*See the* [*See, Share, Shape*](https://www.seeshareshape.com.au/share/VC/virtualexcursions.aspx) *website for more Virtual Excursions**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*](http://www.education.vic.gov.au/school/teachers/support/pages/vcc.aspx?Redirect=1) *across Victoria.* |
| **Professional Learning and Classroom Opportunities-** see our [Professional Learning Calendar](http://diglearning.global2.vic.edu.au/prof-learning/) for a full list of events |
| Description: Description: Description: cid:image001.png@01CFF913.99C03880Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: cid:image014.jpg@01CFC219.819350C0 | *Twilight Series** 20 Nov: [Resilience, A Key to Genius](https://www.bastow.vic.edu.au/leadership-courses/Pages/Events-and-Short-Courses.aspx), Andrew Fuller, 5:30-7:00pm
* 3 Dec: [Transforming Schools: Principle to Principal](https://www.bastow.vic.edu.au/leadership-courses/Pages/Events-and-Short-Courses.aspx) – Maxine McKew, 5:00pm-7:00pm

*Professional Practice Series** 24-25 Nov: [Leading at the Speed of Trust](https://www.bastow.vic.edu.au/leadership-courses/Pages/Events-and-Short-Courses.aspx) – Franklin Covey
 | Description: Description: Description: cid:image004.png@01CFF8F1.A10B41B0 | * The [Hour of Code](http://hourofcode.com/au) runs from Dec 8-14. It is introduction to computer science designed to show that anyone can learn the basics.
* It provides tutorials featuring Mark Zuckerberg, Bill Gates, Angry Birds for your computer, tablet, smartphone, etc
* All resources are free and online and teachers are supported with teaching materials.
* Anyone, anywhere can organise an Hour of Code Event. Register your event at <http://hourofcode.com/au>
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| Description: cid:image007.png@01CFFE89.2ECD12C0Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: cid:image014.jpg@01CFC219.819350C0 | * **Inclusion Online** - Register for a Term 1, 2015 course via PD Online or by contacting your region’s Lead Tutor.  These free courses in Autism Spectrum Disorder, Dyslexia, Speech and Language, and Hearing Loss offer 20 hours of professional learning over 10 weeks.  <http://www.oltaustralia.net/courses_victoria.asp?stateid=9&schooltype=1>
 | Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: Description: cid:image005.png@01CFD81D.37792090 | Adobe has released dates for a new series of Webinars for teachers and school leaders wishing to learn more about Adobe applications and best practice in the classroom:* Nov 20 @ 8:00pm: Digital Storytelling with Adobe - <https://digital-storytelling.attendease.com/>
* Nov 24, Dec 1 & 8 @ 8:00pm: Flipping Learning with Adobe - <https://flipping-learning.attendease.com/>
* More on professional learning through Adobe is available at <https://edex.adobe.com/professional-development/>
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* 28 Nov: [VCE & VET – Let’s Move IT for 2015!](http://dltv.vic.edu.au/events/f2f404-vce-vet-%E2%80%93-let%E2%80%99s-move-it-2015)
* 20 Jan: [Are you ready to teach in the 21st Century classroom?](http://dltv.vic.edu.au/events/f2f104-are-you-ready-teach-21st-century-classroom-dltv-pre-service-conference-1) – DLTV Pre Service Conference
* 23 Jan: [Leading Technologies in Primary & Secondary Schools](http://dltv.vic.edu.au/events/f2f101-f2f102-leading-technologies-primary-secondary-schools)
 | Description: Description: Description: Description: cid:image007.png@01CFF746.521DCD90 | * 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>
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| cid:image006.png@01D00247.2047BBD0 | * The FIRST Robotics Competition (FRC) is a unique robotics program which is as close to "real-world engineering" as a student can get.
* With a sports theme (e.g. playing basketball, shooting frisbees) students aged between 14 to 18 years have six weeks, starting in mid-January to design, build and program a 40 to 50 kg robot.
* Along the way they will be guided by experienced engineers and university mentors as students will be working with industry standard hardware and software
* See  <http://www.usfirst.org/roboticsprograms/frc> or contact Milorad Cerovac (milorad.cerovac@kds.vic.edu.au)
 | cid:image011.png@01D00247.562E8FD0 | * TEDxRosalindParkED conference, themed “Changing the Game” will be held on Friday, March 13th, in the Old Fire Station, View Street, Bendigo, and feature speakers on the topic of innovative education.
* Prospective speakers should complete the form found at <http://tedxrosalindparked.com/call-for-papers/>. Educators from all sectors are invited to apply.
* Interested audience can register interest by completing the form at <http://tedxrosalindparked.com/attend/>.
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| * Conferences and Events
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| * [Virtual Excursions Australia Clickfest 2014](http://www.virtualexcursionsaustralia.com.au/clickfest-2014/): video conferencing festival, 4th – 26th Nov, various times.
* ICT: IT’S EVERYWHERE: Information Communication Technology Forum,  20th Nov, 10:00am – 3:00pm, Echuca College, email werner.b@ccllen.com.au
* [What pedagogy really works in a flexible space?:](http://scscpdplace.weebly.com/) Surf Coast SC, 18th Nov, 9:00am-3:00pm
* [Learning analytics and how data can be used to inform teaching and build student independence](http://scscpdplace.weebly.com/): Surf Coast SC, 26th Nov, 9:00am – 12:00pm
* [Data collection and analysis tools for the contemporary classroom](http://scscpdplace.weebly.com/): Surf Coast SC, 26th Nov, 1:00pm – 4:00pm
* [Using iPads to make student thinking transparent](http://scscpdplace.weebly.com/): Surf Coast SC, 11th Dec, 9:00am -12:00pm
* [How to create a ‘flip your thinking’ learning environment](http://scscpdplace.weebly.com/): Surf Coast SC, 11th Dec, 1:00pm – 4:00pm
* [Home Economics Victoria Annual Conference](http://www.homeeconomics.com.au/downloads/2014/HEV_conference_14_FINAL-1.pdf): Melb Town Hall,  27 & 28 Nov
* [ACHPER Conference](http://www.achper.vic.edu.au/conference-2014), Monash University, Clayton, 27 &28 Nov
* [Google CS4HS (Computer Science for High Schools) program](http://www.swinburne.edu.au/science-engineering-technology/events/computer-science/) (networking, security using gaming, programming and working with the NAO Robots): Swinburne University, Hawthorn, FREE: 27 Nov, 9:00am – 3:30pm
* [TeachMeet ScienceWorks:](http://teachmeetmelbourne.wikispaces.com/2014%2B-%2BNov%2B29%2B%28Scienceworks%29) 29 November
* [TeachMeet Melbourne](http://dltv.vic.edu.au/events/tm101-dltv-hosts-teachmeet-melbourne): 2:00pm-4:00pm, 7th February
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| **AusVELS Curriculum News** |
| cid:image017.jpg@01D00257.9AA7E890 | * The Computer Science Education Research Group, CSER, at the University of Adelaide, have developed a number of open, online courses designed to assist teachers in addressing the new Digital Technologies learning area.  The schedule of upcoming courses includes.
	+ [CSER Digital Technologies - Foundation to 6 (Commences 1st December)](https://csdigitaltech.appspot.com/cser_foundations6/)
	+ [CSER Digital Technologies - Foundations Extended](https://csdigitaltech.appspot.com/)
	+ [CSER Digital Technologies - Next Steps, Years 7 & 8](https://csdigitaltech.appspot.com/)
* Registration can be completed at <https://csdigitaltech.appspot.com/course>
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| **Resources**  |
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| Description: Description: Description: Description: cid:image006.png@01CFF749.239EB2B0 | * Are your students interested in a career that combines personal passions with computer science?
* The [Careers with Code](http://google-au.blogspot.com.au/2014/10/a-new-guide-to-careers-with-code-in.html) guide features a broad list of university degrees for prospective students interested in courses that combine computer science and coding skills with other fields of study.
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| Description: Description: Description: Description: cid:image009.png@01CFF749.239EB2B0 | * [Scratch](https://fuse.education.vic.gov.au/pages/View.aspx?id=9c40d110-7f4f-45e6-8877-dae28b7c350d&Source=%252fpages%252fResults.aspx%253fs%253dLanguage%2526sb%253dKBNGModified%252bDESC%25252c%252bRank%252bDESC) is graphical programming language that makes it easy to create interactive stories, animations, games, music and art. All you do is simply snap together graphical blocks, much like Lego bricks or puzzle pieces, to make a creation. Scratch provides lots of opportunities to develop mathematical skills, whilst also learning to think creatively, reason systematically, and work collaboratively. <http://tinyurl.com/orfop52>
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| Description: cid:image005.png@01CFFE76.2E637620 | * [Coding and game making](https://fuse.education.vic.gov.au/pages/View.aspx?id=d91ea854-9605-429f-a4fd-2db4fb8ac6d0&Source=%252fpages%252fResults.aspx%253fs%253dcoding%2526p%253d12): Learn more about coding and game making with this collection of video resources from ABC Splash. Watch and find out how to make your own game!
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| **Research** |
| cid:image021.png@01D00257.9AA7E890 | * **Values Matter: Evidence Alone is Not Enough**. Robbie Coleman discusses why evidence alone is not enough when schools are making important decisions.[*Read more….*](http://educationendowmentfoundation.org.uk/news/eef-blog-values-matter-evidence-along-is-not-enough/)
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| Description: cid:image012.png@01CFFE92.A16C8DC0 | * **Learning from Gaming**: During the past decade, interest has developed in the ways in which digital games can be linked with education. Several factors have combined to increase interest in these connections. [*Read more…*](http://www.curriculum.edu.au/leader/default.asp?id=37544&issueID=12939&utm_source=clj-newsletter&utm_medium=email&utm_campaign=07-11-2014)
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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.

Cheers

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***available Monday, Wednesday, Friday***