

the**education**show

the official exhibition of the National Education Summit

Digital Classroom Practice 2018

Digital Classroom Practice 2018



K-12 digital classroom practice™
conference
Teaching literacy | Teaching numeracy

Friday 31 August 2018 | Melbourne Convention & Exhibition Centre

Teaching literacy | Teaching numeracy – with the support of digital technology

This event has now concluded. The 2019 Conference program will be announced mid November 2018.

Literacy and numeracy are the main focus of the Gonski report. The K-12 Digital Classroom Practice Conference will focus on a deeper understanding of the direct and contemporary link between digital

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technology and the teaching of literacy and numeracy. Tickets are on sale for \$346.50 inc GST (normally \$401.50 inc GST). This offer ends Fri 30 June 2018. Your Registration Fee includes; arrival tea/coffee, morning tea, lunch, access to the Education Show (co-located at the same venue), certificate of attendance, access to keynote address and access to the breakout sessions of your choice.

Conference Overview

This conference has selected as its keynote speaker and presenters a group of teachers highly skilled and experienced in using digital technology to support literacy and numeracy teaching programs. The conference program offers skills-based sessions, so come prepared to roll your sleeves up to learn new transferable skills that will lift your literacy and numeracy teaching to even greater heights.

For all states and territories, this conference addresses the following Australian Professional Standards for Teachers.



BOOK NOW

<http://nationaleducationsummit.com.au/k-12-digital-classroom-practice-conference/> 

Keynote Address

Speaker: Anthony Speranza

ICT Learning & Teaching Leader, St. Mark's Primary School

Session Overview

Proficiency in Literacy and Numeracy is imperative to equip students with the ability to apply core skills to everyday tasks, now, and into the future. With increased access to computing devices in schools, and the demand for a future workforce that are fluent in technology, how do teachers effectively leverage technology to empower the modern learner to develop critical skills in Literacy, Numeracy, and beyond? In this keynote, Anthony will discuss the significance of technology in this equation, including the pitfalls and opportunities that it can present.

Concurrent Workshop

Session 1

Option 1: Twenty tech tips for the maths classroom

Speaker: Aimee Shackleton

eLearning and Innovation leader

Loreto Mandeville Hall, Toorak

Session

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Overview

Participants will be taken on a tour of twenty apps, programs, online resources and robots you can use to enhance the learning in your Mathematics classroom from K-12. Every maths teacher will find something new to take away from this list! We will discuss ideas applicable for all device platforms – Mac, PC, iPads, Chromebooks with many options working through an online browser based system or multiplatform for universal access.

Additional devices and robots such as drones, spheros, coding platforms and microbits will also be available to test time permitting for the final part of our session. You will leave with a detailed list of technologies described, with many able to be implemented the following day in your classroom. Bring your laptop and any devices such as phones and iPads you have access to use at your school to participate and get the most out of this session.

Option 2: Sparking the creativity of students through Literacy with the use of the Digital Technologies Curriculum

Speaker: Grant Jones

Leader of Innovation and Teacher Development

Seven Hills West Public School

Session Overview

In this session, delegates will learn how to engage and spark the creativity of their students through the integration of both the English Curriculum and Digital Technologies Curriculum. Grant will discuss the SAMR model and how it has been designed to help teachers infuse technology into their teaching and learning.

Delegates will learn a wide range of differentiated activities that promote future focused learning skills. Grant will also discuss the importance of TPACK (technological pedagogical content knowledge) when teaching both digital technologies and Literacy. Delegates will leave the session inspired to implement ideas learnt throughout the session as they will promote purposeful engagement of all students.

Concurrent Workshop Session 2

Option 1: Designing learning opportunities within the Digital Technologies Curriculum

Speaker: Anthony Speranza
ICT Learning & Teaching Leader
St. Mark's Primary School

Session Overview

Our nation's first Digital Technologies Curriculum is available now, with schools expected to implement the curriculum by the end of 2018. As a new curriculum, the challenge remains for teachers to understand the syllabus deeply enough to embed these learning opportunities effectively, as well as realise the links towards other curriculum areas that can help support a meaningful approach. In this workshop suitable for K-6 educators, participants will be invited and supported to:

- Examine the links between outcomes in Digital

Technologies, English and Mathematics curriculum.

- Understand the ways in which the curriculum can be translated into practice.
- Participate in a learning design process to create a lesson, sequence or unit with multiple interdisciplinary links.

Option 2: Coding where Mathematics Curriculum and Digital Technologies Curriculum align with perfect synergy

Speaker: Grant Jones

Leader of Innovation and Teacher Development

Seven Hills West Public School

Session Overview

In this session, delegates will learn how coding can be integrated into the Mathematics curriculum and enhance the learning of students. Delegates will learn a range of coding platforms that will equip them with tools using both online platforms to robotics to enhance their delivery of both curricula. The session will tick a number of outcomes from both curricula especially in the process

and production skills. Grant will discuss how coding can be differentiated for all students within the classroom setting. He will also discuss how coding skills can be integrated across the other Key Learning Areas. Grant will also discuss the importance of TPACK (technological pedagogical content knowledge) when teaching both digital technologies and Mathematics.

Concurrent Workshop Session 3

Option 1: Using Digital Tools to support the Literacy Curriculum

**Speakers: Lisa Connell, Learning Specialist - Digital
Technologies**

**Chris Drake, Technology Coordinator
Wallarano Primary School**

Session Overview

In this session, delegates will get hands on experience with a variety of digital tools, including Dash and Dot, Beebots, Ollies and iPad apps that can be used to enhance the delivery of the Primary Literacy Curriculum. We will share what has worked at our school, and how teachers at all levels are using digital tools to engage

students and improve learning outcomes.

Option 2: Blogging in the Classroom

Speaker: Aaron Davis

Technology Implementation Coach

Session Overview

In this session we will use Edublogs and other blogging platforms fostering contemporary digital technology skills. Using Belshaw's notion of 'Digital Literacies' I will focus on critical thinking, creativity and communication. I believe that if a school wished they could cover just about all of the Digital Technologies Curriculum using blogging. If you are working with students with disabilities blogging has so many entry points that it can be differentiated to the needs of any learner and/or classroom.

Concurrent Workshop Session 4

Option 1: Using Digital Tools to support the Mathematics Curriculum

**Speakers: Lisa Connell, Learning Specialist - Digital
Technologies**

**Chris Drake, Technology Coordinator
Wallarano Primary School**

Session Overview

In this session, delegates will get hands on experience with a variety of digital tools, including Dash and Dot, Beebots, Ollies and iPad apps that can be used to enhance the delivery of the Primary Mathematics Curriculum. We will share what has worked at our school, and how teachers at all levels are using digital tools to engage students and improve learning outcomes.

Option 2: Ongoing Reporting with GSuite

Speakers: Aaron Davis
Technology Implementation Coach

Session Overview

In this session participants will use GSuite to foster contemporary digital technology skills. Using Belshaw's notion of 'Digital Literacies' Aaron will focus on critical thinking, creativity and communication. Documentation and ongoing reporting covers most aspects of the Digital Technologies Curriculum. The point of ongoing reporting is to be differentiated. The challenge is choosing the right solution for the problem at hand. This will be addressed in this session.

