

Learning and Technologies

2016 Professional Learning



Digital Technologies

Scoutle & Improve

Office 365

For further details about these professional learning opportunities and to register please visit the [CESA Registration Centre](#)

<http://tinyurl.com/ocjqeoe>

Digital Technologies

Digitech Primary – STEM approach

Participants will develop an integrated approach to STEM (Science, Technology, Engineering and Mathematics). Participants will explore the strategies to incorporate thinking skills (including systems thinking, design thinking and computational thinking) to problem solve across these learning areas.



For more information – visit the STEM in Splash website

<http://splash.abc.net.au/home#!/stem/-/all/all>

Dates: Thursday 4th August OR Tuesday 27th September 2016

Intended Audience: Primary school teachers (R-7)



ICT Peer Coaching Network

Building on the 2014 and 2015 CESA Peer Coaching Network, ICT Peer coaches will have the opportunity to collaboratively explore the integration of digital technologies using the coaching model. A networking session each term will enable participants to re-visit coaching strategies and learning design through shared experiences.

Dates: Tuesday 23rd February AND Tuesday 21st June AND Monday 12th September AND Thursday 17th November 2016

Intended Audience: Teachers who have completed the 3-day ICT Peer Coaching course facilitated by Rowena Ulbrick (Expanded Learning Horizons).

Digital Technologies

Integrating the ICT capability into teaching and learning

Participants will become familiar with the ICT Capability, explore strategies and tools to integrate the ICT capability into their learning areas. The sessions will address aspects of the five elements:

- Applying social and ethical protocols and practices when using ICT
- Investigating with ICT
- Creating with ICT
- Communicating with ICT
- Managing and operating ICT

Participants will explore a variety of Information & Communication Technologies that can be incorporated into teaching and learning with a focus on digital citizenship aligned with the ICT learning continuum. Participants will use collaboration and planning tools eg Padlet and Popplet to design learning for knowledge construction.

Dates: The 2 half-day sessions will be repeated.

Friday 6th May AND Thursday 7th July 2016

OR

Monday 6th June AND Friday 19th August 2016

Intended Audience: Classroom teachers (R-10)

Taste of Technology

The workshop will enable teachers to explore a range of digital technologies. The Technologies curriculum encourages the *use* of technology, to *create* digital solutions. Participants will have access to a range of new digital technologies including LittleBits, Lego WeDo, Makey Makeys, Sphero Robots, Scratch and related programming apps.

Dates: Monday 15th August OR Tuesday 1st November 2016

Intended Audience: Primary school teachers (R-7)

Digital Technologies

Teaching students to Code

This 1-day workshop will provide teachers with an introduction to computer programming in the primary years, with links to the Australian Curriculum Digital Technologies subject.

Participants will:

- Design computational algorithms
- Develop their understanding of fundamental programming concepts such as sequencing, branching and iteration
- Explore a variety of visual programming tools

Date: Thursday 31st March 2016

Intended Audience: Primary school teachers (R-7)



Using robots to imagine, discover and create

Robots provide opportunities for students to discover new concepts, imagine possibilities and create solutions to real world problems. In this 1-day workshop participants will explore the use of robotics technologies in the classroom.

Robots available on the day will include: BeeBots, Lego Robotics, Dash & Dot and Sphero.

Date: Monday 20th June 2016

Intended Audience: Primary school teachers (R-7)

Scootle & Improve

Scootle and Improve for School Managers and Curriculum Coordinators

Scootle School Managers will review Scootle usage at their school, and use this to inform professional learning, and options for sharing Scootle resources.

Participants will focus on browsing Australian Curriculum content descriptions and elaborations in the fifteen F-10 learning areas. Participants will increase their awareness of learning services accessed through Scootle including Improve, Scootle Community and the Languages Learning Space. Improve provides access to numeracy, literacy and science test items digitally linked to relevant Scootle curriculum and learning resources.

Dates: Friday 11th March OR Monday 30th May 2016

Intended Audience: Scootle school managers, curriculum coordinators teachers who are registered with Scootle. [Note – Scootle school managers have a dashboard view of Scootle usage at their school – not available to other teachers].

Scootle and Improve

Participants will access Scootle resources with a focus on browsing Australian Curriculum content descriptions and elaborations in the fifteen F-10 learning areas.

Participants will use Improve to access numeracy, literacy and science test items digitally linked to relevant Scootle curriculum and learning resources. Participants will explore using Improve to capture evidence of students' achievements and to analyse the data to inform programs for classes and for individuals.

Dates: Tuesday 29th March OR Tuesday 6th September OR Monday 14th November 2016

Intended Audience: Teachers of students from year 2 to year 9

Office 365

Office 365 for Learning & Collaboration in the Classroom - SECONDARY

In this 1-day workshop participants will explore the Microsoft Office 365 environment to foster online learning and collaboration for students and staff. In particular, the session will provide an introduction to real time collaboration in the cloud with Office 365.

Topics covered will include:

- a) The Power of O365 and Anytime Anywhere Learning
- b) Real time collaboration in OneDrive
- c) Using OneNote to Support 21st Century Learning
- d) Skype for Business to Support Collaboration and Communication
- e) Supporting Professional Learning Communities with Yammer
- f) Demonstration of Virtual Classrooms with SharePoint
- g) Getting Creative with Sway and Office Mix

Dates: Friday 4th March OR Tuesday 3rd May OR Wednesday 14th September OR Wednesday 26th October 2016

Intended Audience: Secondary school teachers with Office 365 School accounts

Office 365 Learning Project - SECONDARY

The Office 365 Learning Project will provide an opportunity for participants to develop learning opportunities for students in Office 365. Participants will use Office 365 to: design learning for high level collaboration, support critical thinking and knowledge construction, enable skilful communication, use ICT for learning. The project workshops will occur over 3 days during the year, culminating in an opportunity for participants to share their projects and reflect on their learning.

Dates: Friday 8th April, Wednesday 29th June AND Thursday 18th August 2016

Intended Audience: Secondary school teachers with Office 365 School accounts

2016 Professional Learning Dates

Digitech Primary – STEM approach

Thursday 4th August
OR
Tuesday 27th September

Integrating the ICT Capability into teaching and learning

Friday 6th May and
Thursday 7th July
OR
Monday 6th June and
Friday 19th August

Peer Coaching Network

Tuesday 23rd February
AND
Tuesday 21st June
AND
Monday 12th September
AND
Thursday 17th November

Taste of Technology

Monday 15th August
OR
Tuesday 1st November

Teaching students to code

Thursday 31st March

Using robots to discover and create

Monday 20th June

Scoutle for School Managers & Curriculum Coordinators

Friday 11th March
OR
Monday 30th May

Scoutle & Improve

Tuesday 29th March
OR
Tuesday 6th September
OR
Monday 14th November

Office 365 for Learning & Collaboration in the classroom

(Secondary Only)

Friday 4th March
OR
Tuesday 3rd May
OR
Wednesday 14th September
OR
Wednesday 26th October

Office 365 Learning Project

(Secondary Only)

Friday 8th April
AND
Wednesday 29th June
AND
Thursday 18th August