Bringing Mathematics To Life
Integrating ICT into the Mathematics K-6 NSW Syllabus for the Australian Curriculum

Teacher Professional Learning Course  (10 non-registered hours)

Many teachers of mathematics in the K – 6 classroom often have little opportunity to explore new and exciting ways to integrate ICT into mathematical teaching and learning. Bringing Mathematics to Life offers teachers an opportunity to extend ICT integration beyond drill and practice of basic facts.

The course will include a workshop day (5.5hrs) and a follow-on component (4.5hrs).

Workshop - teachers participating in this hands-on workshop will explore:

» the role of ICT to support the teaching of key ideas & conceptual development throughout the maths syllabus
» current research to evaluating and selecting better technology for maths teaching
» a variety of apps that will excite students and bring mathematics to life while promoting higher order thinking skills
» the use of code to teach mathematics concepts
» how infographics can be used to creatively engage students in data analysis

Follow-on component - participants will:

» design and teach a maths lesson (or series of lessons) with ICT meaningfully integrated
» share lesson with an online community and reflect on the experience

WHO
K-6 teachers

WHEN
10 May 2016
(Closing date: 8 May)

TIME
9am-3:30pm

LOCATION
North Ryde, NSW

COST
$285 (incl GST)

CONTACT
macictsupport@det.nsw.edu.au
Phone: 02 9850 4310

Course Developer & Facilitator
Dr Sarah Boyd
Sarah is a MacICT facilitator and part-time high school teacher of Computing and Mathematics. She retrained as a teacher having had a long career as a software programmer and Electrical Engineer. She began facilitating at MacICT in 2014 where she combines her engineering and programming background with her love of teaching. She completed her PhD in Computer Science at Macquarie University in 1999.

REGISTER NOW!
Register online through MyPL@EDU
MyPL Event ID: 126080

NSW DoE teachers: Log into MyPL@Edu with your DoE credentials & search for the course using the above code or course title. Government schools will be charged internally by the NSW Department of Education. This will be reflected on your sundry tax invoice statement.

Non-DoE teachers: You will need to sign up for a username and password to access MyPL. Just click “Don’t have a username” on the MyPL website and follow the instructions. Private schools and other institutions will be invoiced by the NSW Department of Education.

Please note: Any cancellations made within 5 days of the course, or no-shows, will be charged to your school.

“The most important thing we can do is inspire young minds to advance the kind of science, math and technology education that will help youngsters take us to the next phase of space travel” - John Glenn