

Bringing Science to Life: Integrating ICT into K-6 Science Online Short Courses

This series of short courses is aimed to inspire and equip primary school teachers with confidence and knowledge to introduce 'real science' inquiry activities into learning that promote curiosity, critical thinking and creativity in their students.

In these online modules, participants will explore a variety of useful apps, sites, software and equipment to support students natural curiosity and the ability to make evidence-based decision's.

Participants complete the online short course in their own time.

Workshop Developer & Facilitator

Neville Fraser

Runner-up to the 2014 Prime Minister's Award for Primary Science Teaching, Neville Fraser has over two decades experience using ICT in education, starting with setting up the first regional network of computers in the early 80s. Until his recent retirement, Neville hosted a science museum and planetarium at his school. Having been a director of the NSW Computer Education Group, councillor with STANSW and primary rep for ASTA, he brings a wealth of knowledge and experience to blending science teaching with ICT.



1) Weather Course Code: DV03130

Making observations is an essential part of learning about weather. Explore ways to measure and record the weather. Learn out how to set up a School Weather Station to collect a range of data and opening up many opportunities for scientific investigation.

2) Daytime Astronomy Course Code: DV03127

There is a world of astronomy visible all day. Explore suitable equipment you can either make or buy, and discover ways to make observations with minimal equipment or apps. Perhaps you may end up becoming a Stellarium Guru!

3) Getting off the Ground Course Code: DV03129

Blast off and turn your students into rocket scientists! Discover ways to engage students in real science with balloons, kites and rockets. Explore data collection methods and collect data and images.

4) Feeling the Ground Move Course Code: DV03128

Introduce your students to the field of geoscience through seismology. Learn how to make your own recorder for measuring ground motion and explore apps for seismology and animated models.



REGISTER NOW!

Register online through MyPL@EDU
<https://www.det.nsw.edu.au/docprs/welcome.do>
Use the MyPL Course Codes above.

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.

We are planning to go live with these courses in Term 3, 2016. To register your interest go to www.macict.edu.au/scienceonline

WHO K-6 teachers

HOURS Each module is 1.5hrs of teacher identified professional learning

COST TBC Approx \$20-40 each

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