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.

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!

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 scienceum 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.

WHO
K-6 teachers

HOURS
Each module is 1.5hrs of teacher identified professional learning

COST
TBC Approx $20-40 each

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