



New Technologies, New Pedagogies

using mobile technologies to develop new ways of teaching and learning

This project aims to develop innovative pedagogies using mobile technologies in order to enrich teaching and learning experiences in higher education.

Mobile technologies are everywhere but while many university students own one or more such devices, little use has been made of them in higher education learning contexts.

phases of the project

1. The project is investigating the educational potential of the ubiquitous mobile devices: smart phones, digital audio players (iPods).
2. An action learning approach for professional development was designed and implemented with teachers.
3. Each teacher is exploring and inventing pedagogies that make appropriate use of a mobile device for different subject areas.
4. Resulting pedagogies and professional development activities will be shared through professional networks, workshops, a dedicated website and a published handbook.

ART ON THE MOVE:
using a public gallery
as a resource for interactive
visual arts learning experiences.

phase 1.

Investigating the educational potential of the ubiquitous mobile devices



Palm Treo 680



video iPod

phase 2.

Action learning approach for professional development

- Four half day workshops were conducted for all project participants
- The affordances of the Palm Treo 680 and the video iPod were explored and identified
- Teacher researchers adopted an action learning approach to investigate advanced features of the devices and to plan teaching approaches for using the devices as cognitive tools
- The workshops facilitated communication, reciprocal teaching and joint problem solving between project participants.

phase 3.

Exploring and inventing pedagogies with appropriate use of a mobile device

Teacher Researcher Team

Gwyn Brickell • Ian Brown • Brian Cambourne • Mohan Chinnappan • Brian Ferry • Greg Forrest
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phase 4.

Sharing pedagogies and professional development activities

- Professional networks and workshops
- Website - cedir.uow.edu.au/spotlight/mtech
- Conference at Wollongong University – June/July 2008
- Published handbook

spotlight on learning & teaching

cedir.uow.edu.au/spotlight/mtech



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