Using Technology to Support Learning:
Getting IT right in Docklands Schools

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for National College of Ireland
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Learning to change / Changing to learn: http://youtube.com/watch?v=tahTKdEUAPk

Not on the Test: http://www.youtube.com/watch?v=8dAujuqCo7s
Future of Education

- Technology-based economy & society
- Equity in education
- Engagement in integrative learning
This Study

- 24 Docklands schools, all levels, DEIS
- Meeting with Principals => technology needs, teaching with technology
- Interviews, observations, online survey =>
  - Examples (scenarios) of use
  - Strategies (scenarios) of support
Research Questions

- What good practices already exist to enhance learning?
- What is needed to get there?
- What additional issues need to be addressed, especially those particularly relevant for Docklands schools?
The Digital Dog

- Students use multiple media—clay, drawing, digital camera, Photostory
- Problem-solving, collaboration, careful reading, writing, expression
- A product that can be shared with the school, community
My place

- Digital cameras to document neighborhood
- Learn history, geology
- Could extend to GIS GPS
Lost in Space

- Research on solar system, evolution, space travel
- Music selection, narration
- Physical models
- Video to bring it together
Learning together

- Interactive whiteboards
- Whole class learning
- All subjects
- Interactive, visual, kinesthetic
Community Connections

- School newsletter
- School website
- Community centre
Strategies for Support

- Technology coach—knows each school, models teaching with technology
- Technology network—face-to-face, supplemented by website
- Formal professional development—e.g., MA in teaching & learning
- Designated budget for technical support
- Community media centre, e.g., Bridge to College, St Andrews Resource Centre, NCI
Conclusion

- Media-rich world: challenge & opportunity
- 21st-century skills
- “Technology as snake oil”?  
- Art of teaching still crucial

- Involve all stakeholders
- Special situations, but common needs
- Some excellent practices
- Potential strategies
Need

- professional development
- teach with technology
- working technology

Wednesday, April 24, 13
Need
- professional development
- teach with technology
- working technology

Use
- digital storytelling
- projects using web, video
- urban geography
- school website, newsletter
- whole class instruction
Use digital storytelling, projects using web, video, and school website, newsletter. Support a technology coach, technology network, MA in T&L with technology, community multimedia centre, and budget for tech support. Need professional development and teaching with technology. Whole class instruction.
Use digital storytelling projects using web, video urban geography whole class instruction in school website, newsletter.

Support technology coach technology network MA in T&L working technology with technology network community multimedia centre budget for tech support.

Need professional development teach with technology.