Using Technology

Lifelong Learning – PD Fest Sydney
24 March 2012

Lauren Brumfield
Academic & Learning Technologies Manager,
Kaplan International Colleges Asia Pacific
Major influences on 21st century learning

- How People Learn
- Technology Innovations
- Globalization

21st Century Learning
What and how we teach needs to change

<table>
<thead>
<tr>
<th>Traditional Classroom</th>
<th>Classroom of Web 2.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textbook</td>
<td>Web-wide depth of content</td>
</tr>
<tr>
<td>Teachers</td>
<td>Web-wide breadth of teaching</td>
</tr>
<tr>
<td>Work individually</td>
<td>Work collaboratively</td>
</tr>
<tr>
<td>Reading as passive process</td>
<td>Active engagement in reading and synthesizing information</td>
</tr>
<tr>
<td>Text-based writing</td>
<td>Contributing to blogs, wikis, discussion groups etc</td>
</tr>
<tr>
<td>Passing tests</td>
<td>Electronic online portfolios</td>
</tr>
</tbody>
</table>
We have a responsibility to our students

- “We are living in a world that is changing faster than ever and facing challenges that are unprecedented.”

- “Everyone has huge creative capacities as a natural result of being a human being. The challenge is to develop them.”

- Sir Ken Robinson
  
  http://www.21stcenturyschools.com/Ken_Robinson.htm
How the land lies in education

The sheer volume of information we are now dealing with requires a completely new approach to learning:

- Collaborative learning
- Social learning
- Workplace-based learning
- A completely new set of skills to be learned
2012 Horizon Report

Executive Summary

Time-to-Adoption Horizon: One Year or Less
> Mobile Apps
> Tablet Computing

Time-to-Adoption Horizon: Two to Three Years
> Game-Based Learning
> Learning Analytics

Time-to-Adoption Horizon: Four to Five Years
> Gesture-Based Computing
> Internet of Things

http://www.educause.edu/Resources/2012HorizonReport/246056
Who are our students?

"There aren't any icons to click. It's a chalkboard."
✓ Digital Natives (most of them, not all)
✓ Tech-comfy *not always* Tech-savvy
Technology in ELT

✓ Learner-focussed
✓ Social learning
✓ Communicative methodologies
✓ Awareness of learning styles

…Ahead of the game(?)
The Technology Onslaught
## Organising the Chaos

<table>
<thead>
<tr>
<th>Technology function</th>
<th>The Jargon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video viewing/publishing</td>
<td>YouTube Vimeo etc.</td>
</tr>
<tr>
<td>Audio listening/publishing</td>
<td>Podcasts Podcasting software</td>
</tr>
<tr>
<td>Reading/writing/publishing</td>
<td>Blogs Wikis e-portfolios Googledocs</td>
</tr>
<tr>
<td>Mobile learning</td>
<td>Smartphones tablet devices (iPads etc.)</td>
</tr>
</tbody>
</table>
The Human Factor

- Things are changing too fast
- I’m a really good teacher without all of this
- I don’t have the skills
- Does technology have to intrude on everything?
- I’m afraid it’s all just ‘bells and whistles’
THE TECHNOLOGY
Video

Text Messages

GET WEATHER FORECASTS, TRAFFIC ALERTS, NEWS AND KINGS SCORES SENT RIGHT TO YOUR CELL PHONE!

NEWS10.NET
The Lesson

- A woman stands in the middle of a court. She can’t believe what is happening. She has her hand over her mouth. She is speechless. What is going on? In this activity, students collaborate to construct a narrative before watching the video and discussing the issues.
- Language level: Intermediate (B1) +
- Learner type: Teens; Adults
- Time: 20 minutes
- Activity: Videotelling
- Topic: Sport; Love
- Language: Collocations

http://lessonstream.org/2012/02/13/speechless/
Podcasts… for learners

Environmental Protest Groups

Facts about the state of the global environment read like quotes on a poster for an epic Hollywood movie. However, many people feel that governments are not taking the environment seriously enough.

Podcasts…for interest

Cuisine from Spain Podcast 15 – Cordero Asado and Patatas a lo Pobre

4 comments

[Download MP3]

Roast lamb and a lo pobre potatoes ... You don't get more Castillian than this! Although you can find cordero asado cooked in a similar way throughout Spain, the best is found around Segovia, Valladolid, and other parts of the Castilla-Leon area, where you still see shepherds wandering through the hills with their flocks. Another reason not to miss this dish in these areas is that it is usually cooked in a wood-fired oven (horno de leña), bringing even more flavour to the dish.
Creating Podcasts

Audacity® is free, open source, cross-platform software for recording and editing sounds.

Audacity is available for Windows®, Mac®, GNU/Linux®, and other operating systems. [Learn more about Audacity...](#) Also check our [Wiki](#) and [Forum](#) for more information.

The current release of Audacity is **2.0**. It replaces all previous versions. It is derived from version 1.3.14, but is no longer a Beta version, and has major improvements over 1.2.6. See [New Features](#) for more information.

- [Download Audacity 2.0](#) for Windows 2000/XP/Vista/7
- Other Audacity Downloads for Windows
- All Audacity Downloads
Blogs

Reasons why educators blog include:

- To reflect
- Facilitate online discussions
- Share ideas
- Obtain feedback
- Express creativity
- Develop a voice
- To motivate
- Improve literacy
- Interact with others
- Connect with others
- Share resources
- Discuss ideas for digital literacy
- Extend the classroom walls
- Replace newsletter
- Create a school website
- Share lessons and assignments
- Connect with global audience
- Create 24/7 learning environment
Blogging with Students

Wikis

- A simple website with different pages all linking to each other

- Great for collaborative work among students (e.g. EAP Group projects)

Other stuff

✓ Smartphones +/- Tablets = Mobile learning
✓ E-portfolios
✓ E-books
✓ Games
Valid Tech-based Lessons

✓ Pedagogy
✓ Pedagogy
✓ Pedagogy

❖ Develop a critical eye for technologies…with solid pedagogy at your core
Getting to Tech-savvy Teaching

✓ Plan your personal development goals
✓ Take your time
✓ Play around with the technology
✓ Use online PD resources
Resources

- Edublogs PD Challenge [http://teacherchallenge.edublogs.org/]
- British Council [http://www.teachingenglish.org.uk]
- Mark Pegrum, UWA [http://e-language.wikispaces.com]
- Lessonstream (James Keddie) [http://lessonstream.org]
- The Horizon Report [http://www.educause.edu/Resources/2012HorizonReport/246056]
- Educause [http://www.educause.edu/]
QUESTIONS?