



Teaching with the iPad:

Is it Ready to Replace Your Laptop in the Classroom?

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My first computer (1984)...



The first iPad (2010)...





The iPad 2 and your laptop

- it's only a few weeks since the release, but it's clear the iPad 2 is much more like a laptop than the original iPad
- Is it ready to replace your laptop? No. But is it ready to replace your laptop for teaching?
- Let's see...



iPad (2010) vs iPad 2 (2011)



- thinner, lighter, faster
- cameras
- and...properly mirrors to HDMI or VGA

Video Mirroring

- yes, the iPad 2 can display both on its own screen and on a second display or projector
- HDMI or VGA adapters work
- but...

We have 4-year old flat screen TVs in the language center and these display a purple haze in HDMI; off-center in VGA

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What can you do with the iPad?

- What do you usually do with your laptop in the classroom?
- My typical use of a laptop in the classroom:
 - Word documents with class notes
 - PDF documents for readings, handouts
 - Websites for reading or interactive exercises
 - YouTube videos
 - DVD videos
 - Google maps with Street View
 - Powerpoint for conferences
 - eBooks in iBooks (dictionary)
- and some things I've done with my iPhone
 - Elgato EyeTV App
 - Google Translate

Word Docs

- you can read Word docs, edit, and email them in Pages

PDFs

- PDF documents are supported in iBooks, also in other Apps (GoodReader, others)
- GoodReader and some other Apps support annotations (e.g., adding notes, vocabulary)

Websites

- Safari is a great browser
- you can set up bookmarks for frequently used sites, just like you would on a laptop
- JavaScript works (Case Book exercises)
- easy to scan pages, pinch to zoom, focus on different elements

YouTUBE Videos

- view in YouTube App or embedded in Safari browser

DVD Videos

- my laptop plays DVDs, the iPad doesn't :(
- purchase videos in iTunes
- use streaming Netflix player
- find alternatives on YouTube

Google Maps

- Google Maps
- Street View (Olomouc, Czech Republic)

PowerPoint

- Apple's version: Keynote

eBooks in iBooks

- Apple's eBook format reader is iBooks
- has built in Dictionary so you can tap on words and see definitions...in English
- also serves as a PDF reader, but only minimal annotating abilities

Elgato EyeTV

- view live TV through your EyeTV on a Mac
- playback recorded programs

Google Translate

- still an iPhone App, but works on the iPad

In-House App Production

- Quinn Dombrowski, Manager, Scholarly Technology Group, IT Services
- Fritz Anderson, Senior Macintosh Developer, iOS programming
- Current CSL Projects
 - specialized audio recorder
 - reader for Italian through Dante course

Caveats

- most classrooms don't officially support HDMI; TVs are different
- VGA also requires plugging in the audio
- the iPad is a personal device, like the iPhone; be careful about access to your contacts, email, passwords, etc.; if you have your iPad locked with a passcode, it may be visible when you enter it or if you enter passwords, each letter is visible as you enter it
- it may be better to have an iPad for personal use and an iPad for classroom use
- still better for content consumption, rather than content creation
- get an external keyboard, you'll be glad you did

Potential

- multi-touch interface
- pinching to zoom
- everything you need on a very small, yet powerful device
- multi-touch classrooms: for languages, imagine different tasks taking place on multiple devices and/or large screens

Thank you.