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.