Developing an Implementation Plan for an iPad Classroom

What You Need to Know Before Moving Forward with Your iPad Project
You NEED a Plan!
Pre-implementation Requirements

- **Money**
  - startup funds to purchase the iPads, cases, screen protectors, cables, a docking station and a “controller” MacBook

- **Space**
  - a secure location large enough to house your equipment when it is not in use

- **Staff**
  - at least one individual trained to manage the setup of the iPads as well as their ongoing maintenance

- **Time**
  - enough time to select and receive products, select a space, get staff trained, decide on an implementation model, select specific apps
Here are a few other things to keep in mind:

Millicent Jolly
Director of User Services
460-5520
millicent.jolly@belmont.edu
Products - iPads

<table>
<thead>
<tr>
<th>Device</th>
<th>Apple Store Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPad 2</td>
<td>$399</td>
</tr>
<tr>
<td>iPad Mini</td>
<td>$299</td>
</tr>
<tr>
<td>iPad Air</td>
<td>$499</td>
</tr>
</tbody>
</table>
## Products - iPads

<table>
<thead>
<tr>
<th>iPad Mini</th>
<th>iPad 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Memory</strong></td>
<td>16, 32 or 64 GB</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>1024x768 pixel resolution at 163 ppi</td>
</tr>
<tr>
<td><strong>Video</strong></td>
<td>1080p HD, 30fps w/ audio</td>
</tr>
<tr>
<td><strong>Photo</strong></td>
<td>5 MP, autozoom, face detection</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td>WiFi, BlueTooth + 3G option</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>10 hour battery life</td>
</tr>
</tbody>
</table>
Griffin Technologies Multidock

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Price</strong></td>
<td>$699.99</td>
</tr>
<tr>
<td><strong>Devices Synched</strong></td>
<td>10/station, 30/max</td>
</tr>
<tr>
<td><strong>Charge and Sync</strong></td>
<td>Simultaneous</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>15 x 12.5 x 13 in (38.3 x 32.0 x 32.3 cm) (W x D x H)</td>
</tr>
</tbody>
</table>
# Products – Charging/Syncing Station

## Bretford PowerSync Cart

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>$2,599.95</td>
</tr>
<tr>
<td>Devices Synced Simultaneously</td>
<td>30</td>
</tr>
<tr>
<td>Charge/Sync</td>
<td>Asynchronous</td>
</tr>
<tr>
<td>Dimensions</td>
<td>33 x 24 x 37 in (83 x 60 x 94 cm) (W x D x H)</td>
</tr>
</tbody>
</table>
Products - Additional
When your iPads inevitably become outmoded and unable to run Apple’s latest iOS, you will probably want to upgrade.

But, what do you do with the old ones?

Contact Millicent Jolly at User Services and arrange for them to be either donated or recycled.

DO NOT just toss them or sell them.
If you plan on using your iPads during class time, you will want to know the specific location of your class ASAP.
You have decided on your equipment, and your location.

BEFORE you move forward, it is important to contact:

Randy Capps
Networking Services Manager
460-5448
randy.capps@belmont.edu
Now, it is time to decide on a model for hardware distribution and security.
Distribution Model 1

- Extended Checkout
  - Students check out “their” device for the duration of the semester
  - Staff will spend lots of time preparing devices on the front end
  - May consider more strictly “locking down” devices, in terms of what apps they will run
  - Schedule check-ins for app updates
  - Owner should require students to sign liability contracts which include a specific replacement cost for each component (device, cords, case)
  - Students should save work to their iCloud if they want access to it beyond after the semester
Distribution Model 2

- As-Needed Checkout
  - Students “checkout” a device for in-class use only
  - Staff has more opportunity to make updates tweaks and/or fixes throughout the semester
  - Owner is responsible for maintaining the security of their inventory
Security

Extended Checkout

Clear and specific contracts are crucial to ensuring that the students have appropriate incentive to return your devices in good condition.

Between checkouts, devices and multidock must be stored in a secure location.

As-Needed Checkout

Owner must keep regular inventory of devices and peripherals.

Sign in/out procedure may be helpful.

Docking Station must be itself secure and also stored in a secure, limited access area.
OK, so you’ve got your equipment, and you have decided on a hardware distribution model.

What’s next?

...BUY SOME APPS!
Enroll in Apple’s **Volume Purchase Program (VPP)** for Educational Institutions

“If a developer has enabled education pricing, institutions receive a **50% discount** when purchasing in quantities of **20 or more**.”

- Apple
Volume Purchase Program

Buying 25 Apps

Buying 25 Licenses for a Single App
Volume Purchase Program

Three individuals will need to each serve a role in the process

- Manager
- Shopper (Facilitator)
- Tech (End User)

First, you will need to have a new institutional email address and an Apple ID created for each role. You can have email auto-forwarded to each person’s normal Belmont email if you so choose.

To get a new Belmont email address created, contact:

David Elder
Network Services
460-5469
david.elder@belmont.edu
Volume Purchase Program

• Manager
  – Enrolls in VPP program
  – Point of contact with Apple
  – Keeps track of departmental budget for apps
  – Develops purchasing strategy
  – Delegates to Shopper and Tech

• Shopper (Facilitator)
  – Purchases apps
  – If needed, obtains vouchers to fund purchases
  – Download and send Tech the redemptions codes

• Tech (End User)
  – Deploys apps to all devices
Volume Purchase Program

Image c/o (Re)inventing the Librarian
Volume Purchase Program

- About the Program: http://www.apple.com/education/volume-purchase-program/
- Deployment Guide: http://www.apple.com/education/resources/information-technology.html (bottom right, under the bold header "iOS") This explores the many options you have available for deploying your iPads. I'm also attaching a PDF of the most recent (not yet published) deployment guide.
- Program Manager Login: http://edu-vpp.apple.com/asvpp_manager
- On-Demand Webinar about the Program: https://edseminars.apple.com/event/B657d-79ghC

Apple Volume Purchasing Contact:
Ross Hooks
Inside Account Executive
Apple Education, Apple Inc.
(512) 674-2859
rhooks@apple.com
www.apple.com/education
You have received your equipment. You know how you’re going to distribute it securely. And, you’ve got our apps.

...Soooo, how exactly do we get the apps on the iPads?
Device Prep & Apple Configurator

Configurator is Apple’s multiple device management program.
It allows you to create “profiles” (collections of settings and apps) and sync the same profile to multiple devices at once.
Avoids pitfalls you’d run into trying to do each device individually on iTunes.
Device Prep & Apple Configurator

Welcome to Apple Configurator
iOS device configuration, supervision and assignment made easy.

www.patentlyapple.com
While not *overly* complicated, learning how to use it is an involved and time-intensive process. We recommend having a staff member trained in using Configurator so that you will not have to devote your time and energy to this part of the process.
Device Prep & Apple Configurator

- Apple’s Help Guide for Configurator

- Getting Started with Apple Configurator

- Webinar: Education Configuration and Management
  [https://edseminars.apple.com/event/C18oa-Cs8og](https://edseminars.apple.com/event/C18oa-Cs8og)

- Apple Configurator: Using Volume Purchase Program (VPP) Redemption Codes
OK, so you have some idea of HOW to do it, but WHAT does this project look like in action?

Let’s hear from people who have done this:

Judy Bullington
Art Dept. Chair
460-6776
judy.bullington@belmont.edu

Kim Daus
Professor of Chemistry
460-6432
kim.daus@belmont.edu