Smart Technology in the Stacks:
iPad Instruction Pilot Program
Southern Oregon University

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Why iPads?

Why do it in the stacks?
An exciting new challenge. We already had a classroom in the stacks. Increase in student use of smart technology. Students were excited by the idea.

Government Apps are Free!
Dean was on board. Systems Librarian was already working with iPads. Electronic Services Librarian was on board. The $ were there and the time was right.

As luck would have it!
Before:
### Smart technology users by class - smart technology poll responses

<table>
<thead>
<tr>
<th>Class</th>
<th>iPhone</th>
<th>iPad</th>
<th>Android</th>
<th>None</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>USEM 102 Versluis</td>
<td>6</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>USEM 102 Stillwell</td>
<td>5</td>
<td>1</td>
<td>6</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>USEM102Young/USEM103/Brown</td>
<td>17</td>
<td>2</td>
<td>9</td>
<td>7</td>
<td>50</td>
</tr>
<tr>
<td>USEM 102 Farris (2 classes)</td>
<td>17</td>
<td>4</td>
<td>9</td>
<td>10</td>
<td>42</td>
</tr>
<tr>
<td>USEM 102 Farris (1 classes)</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>USEM classes (3 classes)</td>
<td>15</td>
<td>6</td>
<td>8</td>
<td>12</td>
<td>52</td>
</tr>
<tr>
<td>10 classes/189 students</td>
<td>63</td>
<td>15</td>
<td>30</td>
<td>39</td>
<td>189</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percentage</th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>iPhone</td>
<td>40%</td>
<td>7%</td>
<td>33%</td>
<td>20%</td>
<td>16%</td>
</tr>
<tr>
<td>iPad</td>
<td>25%</td>
<td>5%</td>
<td>30%</td>
<td>25%</td>
<td>16%</td>
</tr>
<tr>
<td>iPhone/iPad</td>
<td>34%</td>
<td>4%</td>
<td>18%</td>
<td>14%</td>
<td>30%</td>
</tr>
<tr>
<td>Android</td>
<td>33%</td>
<td>33%</td>
<td>33%</td>
<td>33%</td>
<td>33%</td>
</tr>
<tr>
<td>None</td>
<td>29%</td>
<td>12%</td>
<td>15%</td>
<td>23%</td>
<td>21%</td>
</tr>
</tbody>
</table>

**Out of 10 classes /189 students, 80% reported using smart devices on a daily basis.**

- 33% iPhone owners
- 8% iPad owners
- 16% own both iPad and iPhone
- 81% Android owners
- 22% own no smart tech device

80% of the students are using smart devices on a daily basis
iPad Cart – 30 iPads
Final Expanded classroom
Apps have limitations and are more available for iPhone/iPad use.
Search.USAGov:
Search for national and state government information. General search for topics will turn up relevant documents and websites and help to pinpoint government agencies. (iPad and Android)

Mobile Sites
Mobile sites are more flexible and accessible for the user on iPhone/iPad and Android.
PubMed Mobile

Try a topic search and find abstracts for articles as well as full text articles for health research. (iPad and Android)
Advantages of the program

Great way to advertise the availability of iPads for check-out.

Students enjoy the interactivity.

Students able to take iPads to the stacks to search for items.

Library has a new working classroom.
Problems during Year One - 2012-13

Hanging the screen so that there would be no glare.
Time consuming preparation.
Finding fluidity with the technology.
Apps kept changing.
Professors were not iPad savvy and were hesitant about participating.
Nearpod trial flopped.
Advantages in Year Two - 2013-14

- Shorter Prep time.
- Comfort w/technology.
- Professors were on board.
- Ability to change things up and take new risks.
- Nearpod opened up to more users on free site.
Problems during Year Two

- iPad upgrades to new OS.
- Software glitches

- iPad Cart less available.
- Professors borrow the cart for other use in classes.
Meanderthal – Smithsonian
Create a New You!

Visualization Explorer
& Comet Quest – NASA

Space Place Prime – NASA

Solve the Outbreak
– CDC

Fun for Kids!

Interactive Apps from Government Agencies
Aesop for Children – iPhone/iPad and Android
FREE Federal Registry for Educational Excellence - Mobile site
U.S. Constitution Analysis and Interpretation – iPad, iPhone only
School District Demographic System – Mobile site
PubMed4H – iPhone, Android, Mobile site
Smokey Bear – iPhone, iPad, Android, Mobile site
Set in Style – Smithsonian/fashion – iPad only
Deacon Peckham’s Hobby Horse – National Gallery of Art – iPhone only

More Apps for Educators

All Age Levels
Nearpod

- http://www.nearpod.com/
- Download Power Points for lessons, add quizzes within the presentation
  - *Free version is good for up to 30 students*
  - *Paid upgrades available for individuals or institutions*
- *iPad//iPod/iPhone and Android compatible*
Brainshark

- myBrainshark – free version
  - Download PowerPoint presentations, add voice
  - Insert questions or polls
  - Unlimited viewers/number of views
  - Unlimited number of presentations
  - iPhone/iPod/iPad /Android compatible
  - http://www.brainshark.com/mybrainshark

Definitely worth a try!
Relevant Library Literature


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