Evaluating a web-based iPad tutorial for teachers

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Tech. responsibilities

KidBiz 3000
Tech. responsibilities

KidBiz 3000  My Access
Tech. responsibilities

KidBiz 3000

Google Docs

My Access
Tech. responsibilities

KidBiz 3000

My Access

Google Docs

Study Island
Tech. responsibilities

KidBiz 3000

Google Docs

My Access

iReady

Study Island
Tech. responsibilities

KidBiz 3000

Google Docs

My Access

Study Island

iReady

Imagine Learning
What is your role in educational technology?

I am a

A. Graduate student
B. Instructor
C. Instructor in grades K-12
D. Administrator
E. Other
Do you have an iPad?

A. Yes, I have an iPad

B. No, I do not have an iPad
Tech savvy students

- Gap between how students interact with technology at home vs. school
- Students have access to the Internet, their own cell phone, mp3 player, and laptop

Image from usatoday.com
Schools start to change

- Schools are starting to purchase more equipment
- Mobile laptop carts
- iPod touch
- Promethean/SMART boards
Facing “digital divide”

- Digital native students vs. Digital immigrant teachers
- Digital immigrants view technology as a distraction in class
- Students brains are physiologically different from past

Image from jeremymavis.com
"No textbooks. I'm strictly Web-fed."

"The computer says I need to upgrade my brain to be compatible with its new software."

Image from blogs.ubc.ca

Image from arieliah.wordpress.com
Personal connection to topic

- Teachers given iPads
- Principal just passed it out to everyone without any direction
Confused teachers

- Many questions about the basics of how to use an iPad
- How to turn it on
- What to do with it
- Tutorial sessions afterschool
Website creation

- Instructional tabs
  - Basics
  - Internet
  - Music/Photo
  - Apps
Welcome to this instructional module on learning the functions and features of using an iPad. The purpose of this module is to instruct teachers on how to use the iPad so that they can become comfortable enough to use it in their class. This
iPad tutorial

Welcome!

Internet tab

- Safari browser
- Settings in Safari
- Typing URL
- Creating bookmarks
- Lotus Notes email
- Quiz
Welcome!

A tutorial module on learning how to use an iPad. The purpose is to help users understand how to use the iPad so that they can.
Welcome!

Welcome to the iPad tutorial. Please select an option on learning the function of the iPad.
Linear design

- Pages locked
- Follow order and not skip around to the next page
- Had to click on arrow to move on
Wallpaper

In this section you will learn how to set a wallpaper on your iPad. Wallpaper is the background of your iPad. You will learn how to assign a template wallpaper as part of your background.

Touch Settings
Review Video
Anonymous participation

- Participant ID number
- Created through a widget
- Generates a four digit number
- Demographic survey, Pre-test, Embedded quizzes, Post-test, Attitudinal Survey
Google Forms

PRE-TEST

Enter your Participant ID number

Where is the button to turn my iPad on?
- middle of the iPad
- top right corner
- on the side of the iPad
- top left corner

How do you make sure you turned off your iPad?
- press the round button on the bottom of the iPad
- press the on/off button and wait until the screen turns black
- hold the on/off button down until it says Slide to Power off and then slide
- don't touch it anymore and the screen goes black
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Timestamp</td>
<td>Enter your Participant ID number</td>
<td>How do you make sure you turned off your iPad?</td>
<td>How do you check how much battery my iPad has?</td>
<td>What do you do if you can’t see the battery percentage?</td>
<td>What icon do you need to press to change wallpaper?</td>
<td>How is a lock screen different from a home screen?</td>
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<tr>
<td>2</td>
<td>1/18/2012 20:34:30</td>
<td>1964</td>
<td>top right corner</td>
<td>icon and percentage of battery in top right corner</td>
<td>go to Settings, General, Slide battery percentage to On</td>
<td>Settings</td>
<td>lock screen is a screensaver, homescreen is the screen with icons</td>
</tr>
<tr>
<td>3</td>
<td>1/26/2012 13:06:33</td>
<td>9489</td>
<td>top right corner</td>
<td>icon and percentage of battery in top right corner</td>
<td>go to Settings, General, Slide battery percentage to On</td>
<td>Settings</td>
<td>lock screen is a screensaver, homescreen is the screen with icons</td>
</tr>
</tbody>
</table>
## Embedded quizzes

<table>
<thead>
<tr>
<th>Status</th>
<th>My Quizzes</th>
<th>Share</th>
<th>Analyze</th>
<th>Last Modified</th>
<th>Recent Attempt</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Music/Photo</strong></td>
<td><img src="#" alt="Preview This Quiz" /></td>
<td><img src="#" alt="Email" /></td>
<td>Reports &amp; Attempts</td>
<td>Jan 22, 2012</td>
</tr>
<tr>
<td></td>
<td><strong>Basics</strong></td>
<td><img src="#" alt="Preview This Quiz" /></td>
<td><img src="#" alt="Email" /></td>
<td>Reports &amp; Attempts</td>
<td>Jan 22, 2012</td>
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<tr>
<td></td>
<td><strong>Internet</strong></td>
<td><img src="#" alt="Preview This Quiz" /></td>
<td><img src="#" alt="Email" /></td>
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<td>Reports &amp; Attempts</td>
<td>Dec 9, 2011</td>
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</table>
Participant’s feedback on quizzes

Basics

Previous Question Result: Correct + View Answer

Question 2 of 9

How do you make sure you turned off your iPad?

A. press the round button on the bottom of the iPad
B. press the on/off button and wait until the screen turns black
C. hold the on/off button down until it says Slide to Power Off
D. don’t touch it anymore and the screen will go black

Next

Basics

Previous Question Result: Incorrect - View Answer

How do you make sure you turned off your iPad?

A. press the round button on the bottom of the iPad
B. press the on/off button and wait until the screen turns black (your answer)
C. hold the on/off button down until it says Slide to Power Off (correct answer)
D. don’t touch it anymore and the screen will go black

Explanation

You need to hold the on/off button down until it says Slide to Power Off. The round button on the bottom of the iPad is the Home button and it will not turn off your iPad. Pressing the on/off button is correct but you have to do an extra step besides waiting for the screen to turn black.
Participant feedback, part 2

### Basics

Hope you enjoyed the quiz! Your score report is presented below.

<table>
<thead>
<tr>
<th>Your Score</th>
<th>1058</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>Your Score</td>
<td>87</td>
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<tr>
<td>out of 100 points</td>
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<tr>
<td>Answered Correctly</td>
<td>6 Questions</td>
</tr>
<tr>
<td>Answered Incorrectly</td>
<td>3 Questions</td>
</tr>
<tr>
<td>% Your Score</td>
<td>67 %</td>
</tr>
</tbody>
</table>

**Your Result**

Your Result: Fail

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### Certificate Of Achievement

1058

got a score of
67 out of 100
in quiz
Basics

Date: April 12, 2012
Test subjects

- Needed people
- Was going to test it on teachers
- Hit a snag
- Emailed College of Education students to get participants
Participant demographics

- 13 participants but only analyzed 10
- 3 Male, 7 Female
- Ages ranged from 26-60
Many participants had or felt comfortable using an iPad
This resulted in higher pre-test scores
Those that didn’t have an iPad or were less comfortable had lower scores
Hoping to see more gain
Pre-test and post-test results
## Comments from participants

<table>
<thead>
<tr>
<th>What was said</th>
<th>How to address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tests were repetitive and tiresome</td>
<td>Inform participants ahead of time of three tests</td>
</tr>
<tr>
<td>Lotus Notes not relevant</td>
<td>Not designed for students</td>
</tr>
<tr>
<td>Put pictures icons in quiz instead of writing it out</td>
<td>Good idea, will consider when revising</td>
</tr>
</tbody>
</table>
Discussion - Technical issues

- Couldn’t use certain browsers to view embedded quizzes
- Not all data was shown in ProProfs
Discussion-Participant’s comment

- Have participants comment in attitudinal survey rather than go to another tab

If you have any questions or comments about the iPad tutorial, please feel free to write your comments in the box below. Since this module is anonymous, please put your Participant’s Identification Number into the box titled, Name, instead of your name.
Next steps

- Revise before delivery to teachers at school
- Although students that participated weren’t the target audience, they provided technical assistance
Steps after iPad tutorial

- Connect iPad to Promethean/SMART board
- Create iBooks using iPad
Ongoing professional development

- Provide more training
- Not just one training and done
- Change methodology and content to accommodate changing learning styles
Education is not the filling of a pail, but the lighting of a fire.

W.B. Yeats
The Perfect Online Teacher?

- web access
- building a new paradigm
- creative & publishing
- information management
- a thinking pedagogy
- skill sets for the 21st C
- A SPACE ODYSSEY
- return home
- learning environments

Image from theenglishteacheronline.org
If we teach today as we taught yesterday, we rob our children of tomorrow.

John Dewey
Thank you!!!

Any questions??
Contact Information

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