

# Hook, Line...Sink? Did we reach the Millenials?

Lessons Learned from Implementing an iPad program

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Multi-tasker

Connected

Tech Savvy

Collaborative

Crave Constant Feedback

# Educational Uses of iPads

- Presentation of class materials via multimedia systems
- Provides access to multimedia databases and e-books
- Additional book(s) in teachers' pedagogical library
- Provides quick access to apps required for student learning tasks
- Students of all levels can use apps



# Educational Uses of iPads

- A tool for creation, not just for consumption
- iPad provides annotating and note-taking features for meeting and classrooms
- Supports learning engagement in variety of settings
- Supports different learning styles
- Allows for student feedback





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Why should iPads work for Millennials?





So...  
how did  
we get here?





How did we know what worked?

Preparation	Battery	Battery is fully charged; materials are available on the iPad; all equipment is present	Battery has some power; materials are accessible; all equipment is present	Battery is dead; Materials were not prepared in advance; equipment, like VGA adapter, is not available
	Materials			
	Equipment			
Navigation	Access	Content is easy to access or easy to manipulate into an order that is easy to navigate	Minor issues with finding and accessing content that can be improved with manipulation of apps	Content is not able to be accessed or manipulated
	Manipulation			
Presentation	Apps	A variety of apps on the device are helpful for presenting	Some of the apps on the device are helpful for presenting	Apps on this advice do not provide additional benefits to presenting
	Style			
Creation		Wireless, equipment and personal presentation style are compatible with the iPad	Wireless, equipment and personal presentation style can be modified to work with the iPad	The iPad equipment negatively affects presentation style; wireless does not work
		Apps expand capabilities for creating content	Apps provide ability for creating content	Apps do not support content creation needs
Communication		Communication tools are easy to use and personalize	Communication tools are able to be used but not personalized	User is not able to use communication tools
Multimedia		Animations, audio and video work in the classroom	Animations, audio and video can be added	Unable to play animations, audio or video
Maintenance		No expected maintenance required by end user	End user needs to perform small maintenance tasks	End user spends a great deal of time maintaining the device
Time Management		The iPad improves time management	With additional apps, the iPad can improve time management	The iPad and its apps do not improve time management.
Training		User has attended orientation and read materials specific to	User has attended orientation or read materials specific to integration	User has not received any training or support materials.



Oops!

## Initial Lessons Learned

- Configuration software
- Use Agreement
- Accessories
- Creative charging solutions
- Accounts  
(personal vs. resource)



Instructor Tool



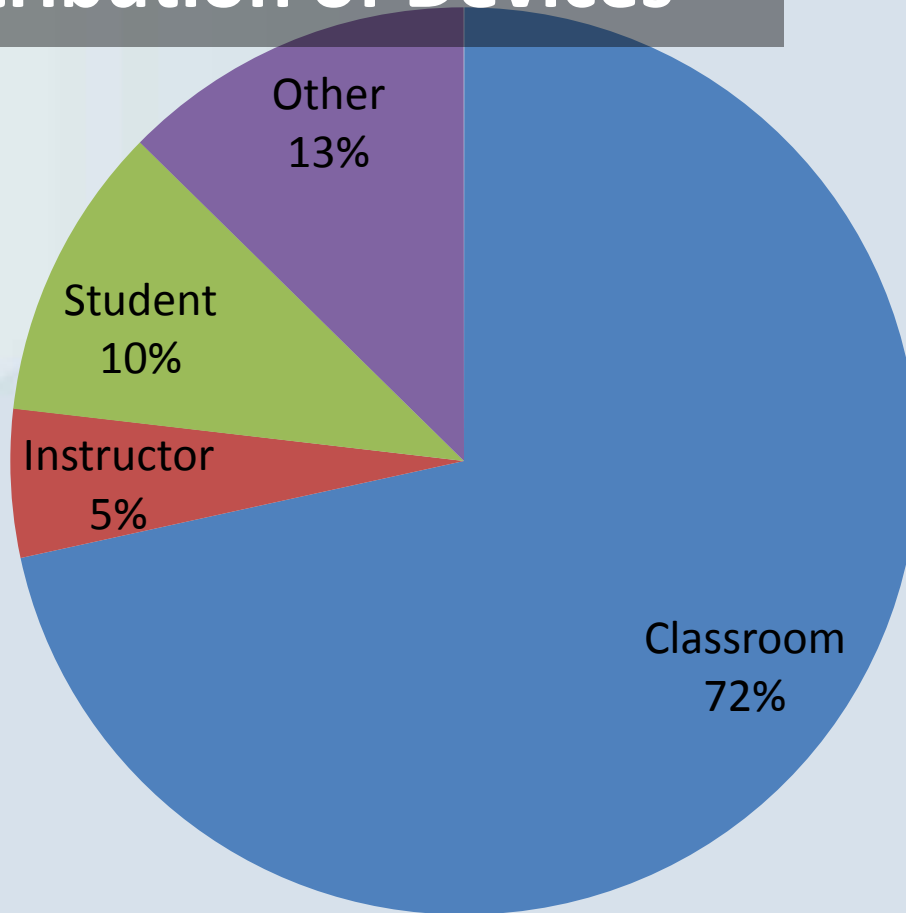
Classroom Tool



Student Tool

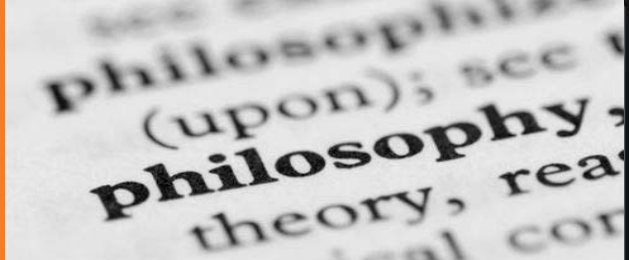
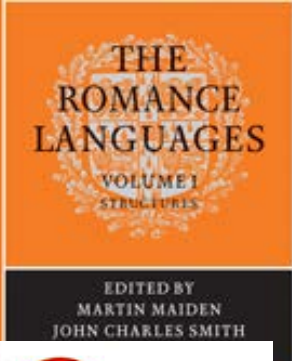
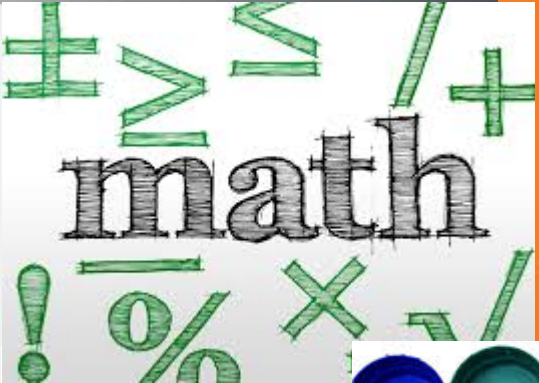


# Distribution of Devices



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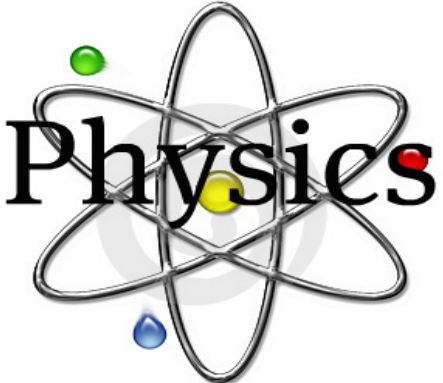
iPad



MUSIC



Study Abroad



# Advantages



I can load performances of the works that I prefer, mostly with historical instruments and quality performance practice examples. The students really like the "shuffle" feature, which challenges them to know the material well.



Having iPads to use for individuals/pairs/groups, assuming I've given students clear tasks, can help more students be more involved and active.



It allows us to capture both handwriting and typewritten text (and accompanying audio) on a screen, which is essential to producing Khan-Academy-style video lectures.



# Disadvantages



They are small and sexy looking - the students are afraid they'll lose them!



Troubleshooting multiple devices rather than just one centralized device (laptop/projector/etc)



Since the product is Apple, software is limited to "iphone" type apps only.



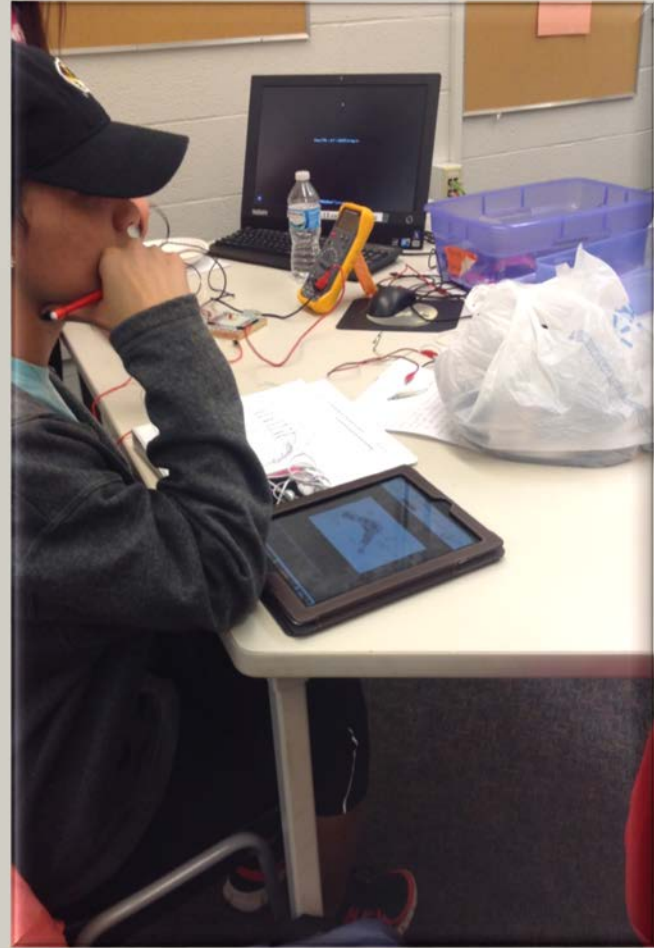
The feel of handwriting on the digital surface of the iPad only roughly approximates to the feel of handwriting on a physical surface (e.g. in terms of control).

**S00000,  
WHO IS DOING WHAT??**

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# Physics

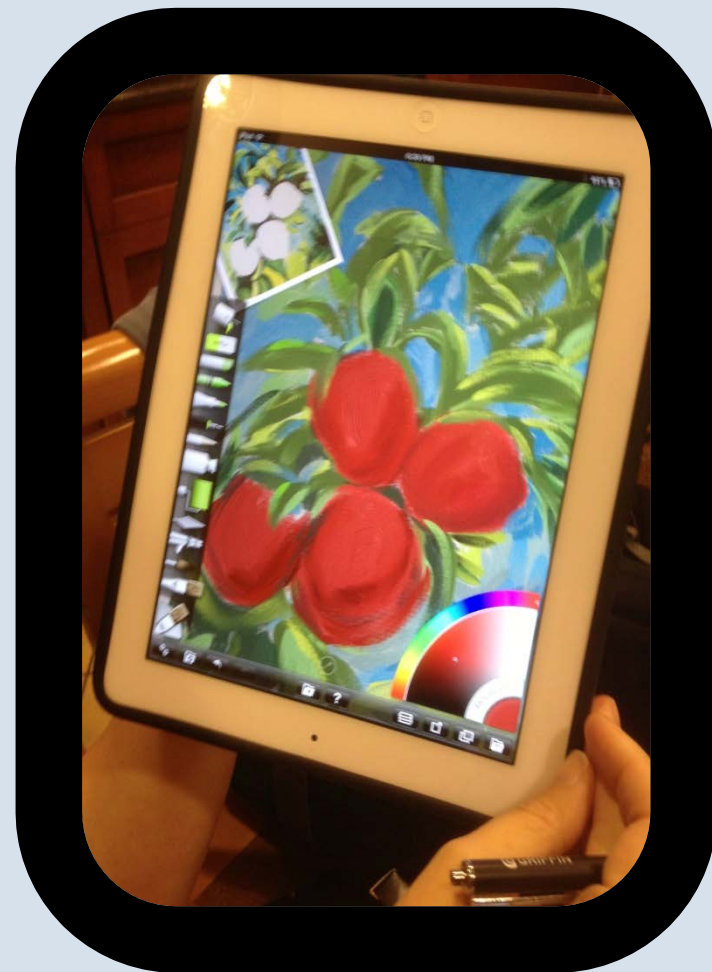
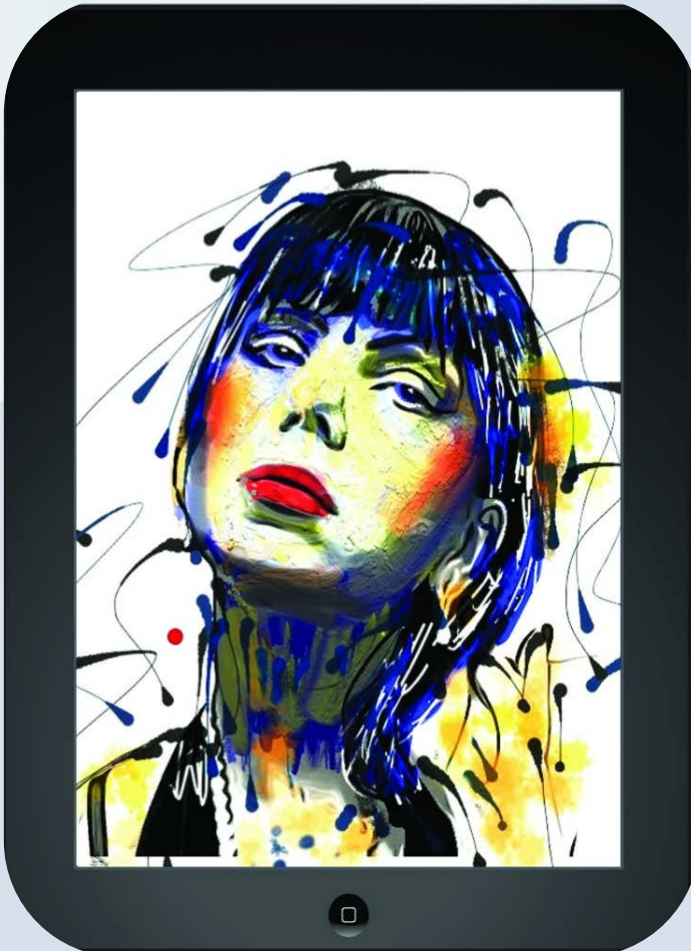


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# Art



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Lessons  
Learned

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Plan for change

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Plan for updates and maintenance

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These are personal devices

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Iterative evaluation

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Consider BYOD

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