

The following notes are part of the seminar, “Use Your iPod or iPhone as a Classroom Teaching Tool”.

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Use	Description/Examples	iPhone	iPod Touch	New iPod Nano	iPods w/ Video	iPods w/ Screens	Notes
		* = iPhone 3Gs s = iPhone 3Gs	* = 1st/2nd Gen ^ = coming soon?				
General Uses/Tips							
Video Clip Player	Present short illustrative video clips or display full-length educational films and shows. It's easy to	√	√	√	√		Requires the appropriate iPod video cable connected to a TV or a projector w/ speakers.
Audio Playback	Playback interviews, podcasts, dramatic readings, foreign language samples and more; on 5G Nanos, listen & record live radio broadcasts.	√	√	√	√	√	Requires powered speakers or line-out audio cable connected to television.
PowerPoint/Slideshow Presenter	Create quick illustrative slideshows of science, history, etc. or save PowerPoint presentations as "images" then playback on iPod	√	√	√	√		Requires a video-out cable connected to a television or projector. For a simpler way to transfer presentation slides, try ZappTek's iPresent-it software; it will pre-format proper sizes and track changes. Shuffle playback mode is great for on-screen quizzes!
Voice Recorder	Record a lecture for absent students, or make a podcast for a homework assignment.	√	√	√	√		Varies depending on model. iPhones and new Nano don't have to have microphone, but older iPods will need either a microphone equipped set of earphones or a add-on device like the Belkin Tune Talk, iTalk Pro or the MicroMemo (find on eBay).
Video Recorder	Video tape a student presentation, then email it to them for self-evaluation, or video tape your own lecture for distribution to students.	√ s	√ ^	√			Look for a flexi-style stand to hold your iPod for video recording, or designate someone to hold it for you.
Whiteboard Capture	Photograph or video tape notes on the board to save for next day or email to absent students.	√	√ ^	√			
Document Camera	Photograph small objects such as mineral samples, or pics from teacher books, then instantly display the photos you've taken on the screen	√	√ ^	√			Requires the appropriate iPod video cable connected to a TV or a projector.
Stop-watch	Track elapsed time for experiments or monitor student performance on P.E. tests	√	√	√	√	√	
Countdown Timer	Great for timed drills or tests, experiments, P.E. and more. Connect speakers for a louder alarm. Get a desk stand for student viewing	√	√	√	√	√	Requires powered speakers or line-out audio cable connected to television for amplified alarm. Use an appropriate iPod stand and set at the front of the class so students can see the time.
Lesson Plan Viewer	Transfer your lesson plans to the Notes section of your iPod for on-the-go viewing. Make hyperlinks to preloaded images, audio and video.	√	√	√	√	√	Interactive notes requires some coding; download the following guide from Apple: http://developer.apple.com/hardware/drivers/ipod/iPodNoteReaderGuide.pdf
Oral Quiz Generator	Use the iQuiz application (standard on many click-wheel iPods) and write your own questions. If not available, create question banks in Notes.	√	√	√	√	√	Programs like Quizzler , iWriter and iFlash generate notes-based quizzes for iPods, or use the the Apple guide listed above. Another option is exporting PPT slides as images, then playback on-screen as a slideshow using the shuffle option.
Digital Textbook	Use a variety of digital book app like eTextbooks by CourseSmart, or if convertible to a plain text doc, load your textbook as Notes on any iPod	√	√	√	√	√	
Reference Library	Load a variety of reference materials into the "notes" section of click-wheel iPods. For iPhone/iPod Touch, download a variety of apps.	√	√	√	√	√	Visit iPrepPress.com for tons of downloadable reference guides (encyclopedias, history documents, etc.)

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<i>iPhone & iPod Touch ONLY</i>							
Live VOIP Interviews	Conduct live interviews with guests around the country or around the world. Collaborate with other teachers or classrooms in real-time.	√	√				Requires a WiFi connection. To provide audio-out while still using a microphone (in other words, to create a speakerphone), purchase a Monster iSoniTalk or a Griffen SmartTalk microphone, then plug in your powered speakers.
YouTube Streaming	Stream educational clips right off of YouTube to your TV. Despite YouTube's mass appeal, there are lots of great science videos on it.	√	√				Requires the appropriate iPod video cable connected to a TV or a projector w/ speakers.
"Clicker" Receiver	Students "text" you during class with questions, answers or contributions to discussions, or use a service like PollEverywhere.com or SMSpoll.net	√	√				To receive texts, use the SMS app on the iPhone or use a free texting app like TextFree (also available on the iPod Touch). For group results, use PollEverywhere.com or SMSpoll.net, then view the results of your poll through the web browser.
Compass	Teach orienteering skills using the compass. This can be a great activity for students of any age. Pair with the Map and Land Navigation app.	√ *s					Compass only available on new iPhone 3Gs, however a number of mapping programs are available for the iPhone 3G; just search iTunes.
Sci. Data Recorder	Watch for the new "Spark" app by PASCO (pending release). You can record data through a custom attachment, then display the graphs	√	√				Requires add-on devices sold by PASCO, plus the Spark app
Teacher Calculator	Do quick calculations in vertical mode; rotate to use built-in scientific calculator. For graphing, download one of the graphic calculator apps.	√	√				Additional graphing calculator apps are available in the iTunes store.
Wireless Mouse	Control your computer's cursor remotely via a wireless mouse app.	√	√				Look in the iTunes store for the Air Mouse Pro or TouchPad Elite apps.
PowerPoint Remote	Remotely operate your PowerPoint or Keynote presentation	√	√				Look in the iTunes store for PowerPoint or Keynote remote.

Organization & Communication

Campus Communicator	Use an IM app or Skype on an iPhone/iPod Touch to communicate with other teachers and staff wherever you are on campus	√	√				Look in the iTunes store for Skype (requires a plug-in mic on iPod Touch) or search for an instant messaging application like AIM.
Student Photos & Info	Enter student data and contact info, then take their picture on the first day to help learn names. Save classes as groups, then send mass emails.	√	√ ^=take photos	√ import pics on computer	√ import pics on computer	√ import pics on computer	If your iPod doesn't have a camera, take photos on any digital camera and assign the pics in an address book program.
Calendar	Sync to your computer's calendar for on-the-go dates and reminders. iPhone/iPod Touch users can modify and add to the calendar as well.	√	√	√	√	√	Yes... you can sync the calendar on many older iPods, although you won't be able to modify the calendar on-the-go.
Sync'd Email	Use your iPhone/iPod Touch with your email for remote access. Use "push" so you can sync all sent/received/sorted emails on your PC.	√	√				For "push" functionality, set up with an Exchange server at school, or a service like MobileMe or Gmail.
Schedule Tracker	Use an app like iStudiez Pro to combine class schedules (especially for rotating or block classes) and assignments due	√	√				Look in the iTunes store for the iStudiez Pro app.