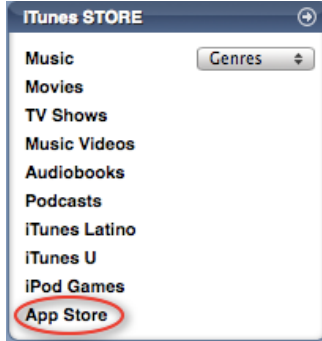




Professional Development

Using the iPod Touch in Middle School and High School Classrooms



Free and inexpensive Apps (\$4.99 or less) for middle school and high school teachers to download from the iTunes App Store for the iPod Touch and/or iPhone (as of 3/16/09):

App Category	App Name	Developer	Cost	Description	When to use
Books	Stanza	Lexcycle	Free	eBook reader to access free and purchased eBooks	Download books for students to read
Books	Love Poems	BeamItDown Software	Free	Collection of over 40 love poems; uses tilt feature to control flow of text across screen	Poetry unit
Books	Shakespeare	Readdle.com	Free	The complete works of Shakespeare on the iPod Touch	Shakespeare unit
Books	Audiobook -Tell-Tale Heart	Cross Forward Consulting	Free	Audiobook; includes narration and full text	Poe unit; Classics

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App Category	App Name	Developer	Cost	Description	When to use
Books	Audiobook -Treasure Island	Cross Forward Consulting	Free	Audiobook; includes narration and full text	Stevenson unit; Classics
Books	Barack Obama's Inaugural Address, 2009	BeamItDown Software	Free	Complete address; uses tilt feature to control flow of text across screen	H/SS classes
Business	iTalk Recorder	Griffin Technology	Free	Voice recording software for iPod Touch; requires use of an external microphone (such as Belkin TuneTalk)	Fluency practice and assessment for intervention students; recording interviews or lectures, recording dialog for foreign language classes, etc. (sync to computer using iTalk Sync)
Business	Documents Free (Mobile Office Suite)	SavySoda	Free	Spreadsheet app for iPod Touch; syncs to Google Docs, open files on PC or Mac in Excel, Numbers, etc.	Spreadsheet tool

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App Category	App Name	Developer	Cost	Description	When to use
Education	USA Factbook	ADS Software Group	Free \$0.99	Facts, maps and info about all 50 states (Free version) Includes more data and a quiz (Paid version)	H/SS
Education	The Chemical Touch	Christopher Fennell	Free (Lite Edition); \$0.99	Simple periodic table	Chemistry/ Physical Science

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App Category	App Name	Developer	Cost	Description	When to use
Education	Basic Math Basic Math Deluxe	Poh Oon Ng	Free \$3.99	Drill and practice of addition, subtraction, multiplication and division facts (Free version) Paid version includes keypad entry, ability to specify specific numbers and operations, mixed mode quiz option, timer and sound effects, report card	Math practice for intervention students
Education	iTranslate - Spanish (Lite) iTranslate - Spanish, German, French, and Italian iTranslate - Ultimate	Bizmosis	Free; \$3.99 each; \$9.99	Translates English sentences into foreign language and reads them back	Foreign language classes

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App Category	App Name	Developer	Cost	Description	When to use
Education	Art	ADS Software Group	\$0.99	Great artists and their masterpieces; factbook and quiz	Art appreciation; art history class
Education	Pocket French (also for Spanish, Italian, German, Japanese, Korean, Russian)	Innovative Language Learning	Free (Beginner Lite): \$4.99 (Advanced Blog 1 (1-10))	Beginning language lessons; vocabulary, interactive experience: Lesson 1 in free version Lesson 1-10 in paid version	Foreign language classes
Education	Brain Thaw	Groovy Squared	\$0.99	Math puzzle (eat digits following a given rule); compete against worldwide leaderboard	Math practice puzzle for intervention students
Education	VocabWiz SAT Vocabulary	TestPrepWiz	Free (Lite Edition)	200+ frequently tested SAT vocab words; read and hear words and definitions; quiz (paid version will include 4700+ words)	Practice for SAT test

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App Category	App Name	Developer	Cost	Description	When to use
Education	Statistics Toolkit	OpenStack, Inc	\$1.99	Computes mean, weighted mean, standard deviation, correlation, etc.	Statistics class; tool for science classes
Education	Star Walk	Vito Technology	\$4.99	Guide for star gazing for future and past astronomical events	Astronomy/Earth Science
Education	FlashCards	Jason Wentworth	\$2.99	Teachers can create own content using text, images and/or audio on flash cards	Create flash cards for students to practice a variety of skills
Education	USA Flashcards and Trivia	gWhiz	\$0.99	500 flashcards and trivia questions about the states	H/SS
Education	World Countries	ADS Software Group	\$0.99	World countries fact book	H/SS
Education	Algebra 100	Brain Ewanchuk	\$0.99	Addition and subtraction of algebraic equations	Algebra



App Category	App Name	Developer	Cost	Description	When to use
Education	Fractions Helper	IQMobSoft	\$0.99	Step by step guide to addition and subtraction of fractions	Math; fractions practice
Entertainment	Cartoonize Me Lite Cartoonize Me	Portegno Apps	Free \$0.99 (Paid version includes more features)	Lite version for creating cartoons	Create cartoons (add hats, glasses, etc. and speech bubbles to images in Photo library); save and add to Keynote, PPT, iPhoto Slideshows, GB, etc.
Entertainment	Wanted	Portegno Apps	\$0.99	Create a Wanted Poster for Elem Social Studies	Create Wanted Posters using downloaded pictures to use in H/SS projects
Entertainment	FlipBook Lite	Josh Anon	Free	Animate doodles	Art
Entertainment	Scribble	Indrajit Khare	Free	Drawing program	Art
Entertainment	iDoodle2 Lite iDoodle2	Joshia Larson	Free \$2.99	Drawing program More options available in paid version	Art



App Category	App Name	Developer	Cost	Description	When to use
Finance	Spend Lite Spend	Adam Williams	Free \$0.99	Keep track of money and budget spending Paid version allows for creation of an unlimited number of various budget types	Business Math; Economics Class
Finance	Virtual Stock Market Lite	Rahul Saraf	Free	Virtual stock market experience	Stock market experience for Business Math or Economics Class
Finance	iSpreadsheet Free	SavySoda	Free	Mobile spreadsheet program; integrates with Google Docs	Spreadsheet tool
Games	Touch Physics Lite Touch Physics	Games 4 Touch	Free \$2.99	Draw shapes that use physics principles to move a wheel to a star; 6 levels Same as free App but with 50 levels of difficulty	Physical Science



App Category	App Name	Developer	Cost	Description	When to use
Games	Brain Tuner Lite	Gengar Studios/ Elliot Lee	Free	True or false math sentence facts	Math practice for intervention students
	Brain Tuner		\$1.99	More options and global high score list	
Games	InFact World	Mundue	\$2.99	Game of facts about countries of the world	World History, Geography
Healthcare & Fitness	iFirstAid Lite	Survival Emergency Products	Free	First aid tips	Health
Healthcare & Fitness	StepTrakLite	AWare Technologies	Free	Pedometer to record walks and runs	Health & PE
Healthcare & Fitness	BMI Calculator	Data Supply	Free	Calculates your BMI	Health & PE
Healthcare & Fitness	BMI Simple	Mulishani	Free	Calculates your BMI	Health & PE
Healthcare & Fitness	iRunCalcLite	Watts-Gerard	Free	Pace calculator for runners	PE

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App Category	App Name	Developer	Cost	Description	When to use
Healthcare & Fitness	iFitness	Medical Productions	\$1.99	Exercise database with pictures and instructions; customize workouts and track progress	PE
Healthcare & Fitness	Gym Buddy	Anywise Enterprise	\$2.99	Record your workouts; tracks data over time, graphs progress, includes countdown timers, etc.	PE; Weight Training
Music	MiniPiano	Jumpei Wada	Free	Mini keyboard, finger piano	Music Appreciation
Music	Drum Kit Lite	CrimsonJet, Inc.	Free	6 piece kit to tap and hear, may play along with a friend	Music Appreciation
Music	Kalimba Free	Chris Pavlou	Free	African thumb piano or finger harp	Music Appreciation; World Culture



App Category	App Name	Developer	Cost	Description	When to use
Music	My Songbook - Lyrics & Chords	Or Sharir	\$1.99	Digital songbook; allows you to view and manage your song's chords and lyrics	Music; guitar
Music	Tap Me!	HTMind	Free	12 tap pads to play and hear	Music
Music	Band	MooCowMusic	\$3.99	Create music using collection of virtual instruments	Music
Music	Visual Metronome	One More Muse	\$1.99	Metronome	Music
News	USA Today	USA Today	Free	Mobile news from USA Today	Current events
News	NYTimes	NY Times	Free	Mobile news from NY Times	Current events
News	AP Moblie News Network	AP	Free	Mobile news from Associated Press	Current events



App Category	App Name	Developer	Cost	Description	When to use
Photography	Juxtaposer Lite	Hendrik Kueck	Free	Combine elements from two images into one new image (create mythical creatures, etc.)	Art
	Juxtaposer		\$1.99	Combine elements from multiple images	
Photography	ColorSplash	Hendrik Kueck	\$1.99	Turn parts of your pictures black and white and leave highlighted section in original color	Art
Photography	Stretch	Paul Tarantino	\$0.99	Image warping/stretching app	Art
Productivity	Whiteboard: Collaborative Drawing	Gengar Studios/ Elliot Lee	Free	Collaborative drawing tool allowing 2 iPod Touch users to create pictures together over WiFi	Art

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App Category	App Name	Developer	Cost	Description	When to use
Productivity	VoiceNotes	Garrett Wampole	Free	With added microphone can record voice on iPod Touch and transfer to Mac or PC with VoiceNote Sync	Fluency practice and assessment for intervention students; recording interviews or lectures, recording foreign language class dialogs, etc.
Reference	WordBook English Dictionary & Thesaurus	TanCreative	\$3.99	Dictionary & thesaurus, audio pronunciation, word origins, word of the day, etc.	Writing tool
Reference	Concise English Dictionary & Thesaurus	jDictionary Mobile	\$0.99	Dictionary & thesaurus	Writing tool
Reference	iBird Explorer Backyard	Mitch Waite Group	\$4.99	Includes photos or pictures of backyard birds, bird sounds, range maps, info on behavior, etc.	Wildlife Ecology

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App Category	App Name	Developer	Cost	Description	When to use
Reference	Google Mobile App	Google Mobile	Free	Google search for mobile, voice search, shortcuts, etc.	Research tool
Reference	Constitution for iPhone and iPod Touch	Clint Bagwell Consulting	Free	Constitution, Bill of Rights, etc.	US History
Reference	Declaration for iPhone and iPod Touch	Clint Bagwell Consulting	Free	Declaration of Independence, text, bios, and historical notes	US History
Reference	World Wiki	Tech Lumina	Free	Info about capitals, government, currency, etc.; listen to national anthems	H/SS
Reference	America Lite	SwampBits	Free	Info about the country, discoveries, documents, events, memorials, presidents, etc.	H/SS
Reference	Wikipanion	Robert Chin	Free	Mobile access to Wikipedia	Research tool

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App Category	App Name	Developer	Cost	Description	When to use
Reference	Wapedia	Taptu Limited	Free	Mobile access to Wikipedia	Research tool
Reference	US Historical Documents	Standard Works	\$1.99	150+ of the most influential documents in US history; add notes and bookmarks	US History
Reference	Rhyme Time	Benjamin Turley	\$0.99	Rhyming dictionary	English class, poetry
Reference	Famous Speeches	SwampBits	\$0.99	Collection of famous speeches to read	Speech class; H/SS
Social Networking	Blog with iBlogger!	illumineX	\$0.99	Mobile blogging app	Blogging tool for journaling and collaboration
Social Networking	BlogPress	Coolittlethings Studio	\$0.99	Mobile blogging app	Blogging tool for journaling and collaboration
Sports	Baseball Hitting Tracker	Grand Slam Software	\$1.99	Track hitting statistics for a team	PE; after school sports
Sports	Score Pad	Wickedly Simple Software	\$0.99	Keep score for any team during games	PE; after school sports



App Category	App Name	Developer	Cost	Description	When to use
Travel	Google Earth	Google Mobile	Free	Mobile Google Earth	Geography
Travel	WorldView	Andreas Linde	Free	Webcams from around the world	H/SS, Foreign Language Classes
Travel	HearPlanet	Hear Planet	Free	Talking tour guide	H/SS, Foreign Language Classes
Utilities	Planets	Dana Peters	Free	Help to identify planets in sky, includes info about solar system	Astronomy/Earth Science
Utilities	PI83 Graphing Calculator	PigLit	\$0.99	Over 100 functions; designed to replace the TI83 graphing calculator	Math
Utilities	Graphing Calculator	Gabor Nagy	\$0.99	2D function plotter	Math
Utilities	Cambio	Amar Sagoo	Free	Unit converter (currency, temperature, length, volume, weight, area, energy, etc.)	Math and science tool



App Category	App Name	Developer	Cost	Description	When to use
Utilities	Units	TheMacBox	Free	Unit converter (currency, energy, temp, time, length, weight, speed, etc.)	Math and science tool
Utilities	iStethoscope	Peter J Bentley	Free	Needs a microphone to work on an iPod Touch; listen to your heartbeat	Science, health, PE
Utilities	MultiConverter	Kreative Software	Free	Free unit converter in list or calculator mode	Math and science tool
Weather	The Weather Channel	The Weather Channel Interactive	Free	Info about local, national and international weather	Physical Science
Weather	AccuWeather, Inc.	AccuWeather, Inc.	Free	Worldwide weather forecasting	Physical Science
Weather	Temp Please!	Eric Welch	Free	Temp Converter	Science tool
Weather	Hurricane	Kitty Code	\$3.99	Track storms and hurricanes and get info back to 1851	Physical Science



Use of pre-installed Apps for middle school and high school education:

App Name	Description	When to use
Photos	Syncs with images from computer; images downloaded from Safari while using iPod Touch/ iPhone are sent to Photos; images created while using various Apps (CartonizeMe, etc.) are sent to Photos; use to organize digital images	Stores downloaded images to use in projects; use pictures from computer in projects; create slideshows of the images, etc.
Calculator	Keep vertical for simple calculator and turn sideways for scientific calculator	Math and science tool



App Name	Description	When to use
Clock	Includes clock which will be set to your time, a world clock, alarm clock, stopwatch and a timer	Add world clock entries for studying states and countries in different time zones, use stopwatch or timer during PE or science experiments, etc.
Maps	View maps using WiFi, get directions, determine distance from one location to another	Math, science and H/SS tool (distance to another location or between locations); drop pins in locations related to an area of study
Weather	View weather/temperature in multiple locations	Science or H/SS; students can add locations of places of interest and view the weather over time
Stocks	View multiple stocks	Economics; Business Math
Notes	Sticky notes	Take notes while using the iPod Touch or iPhone
Safari	Access the internet over wireless (iPod Touch); syncs Bookmarks from Safari on computer or create Bookmarks while browsing on iPod Touch; download images by tapping and holding the image (images will download to Photos); add icons of frequently visited sites to home screen from Safari to directly access those sites (go to +, add to home screen)	Research tool

Apple Professional Development



App Name	Description	When to use
YouTube	Direct access to YouTube videos; can bookmark favorites	View videos that align to the curriculum
Music	Organize music and Podcasts	Students can listen to/view Podcasts downloaded from iTunes that align to the curriculum to build background for reading or for research (see lists of Podcast titles below); students can also listen to Podcasts created by the teacher or other students

Titles of some free, educational Podcasts for middle school and high school teachers to download from iTunes U and iTunes Podcasts for the iPod Touch/iPhone:



Location	Provider	Podcast Series Title(s)	Sample Podcast Titles	When to use
iTunes U	K-12: Arizona's IDEAL eLearning Platform	Ask a Biologist (Audio Podcasts with transcripts available to download)	Ants Bees Bird Songs Butterflies Animal Behavior Fire and Life	Biology/Life Science
iTunes U	Beyond Campus: TERRA	On Nature's Trail; TERRA: Season 1, 2 and 3	The Search for Life on Mars Tree Rings: Counting the Years of Global Warming Leave it to Beavers	Science
iTunes U	Beyond Campus: Liberty Science Center	Infection Connection; Eat and Be Eaten; Communication; Live from ... Cardiac Classroom	Poison Dart Frog How Do You Communicate? Scrub Nurse Interview	Science
iTunes U	Beyond Campus: Smithsonian Global Sound	Videos; Lesson Plans; Featured Artists; Browse by Culture (Africa, American Indian, Asia and the Pacific, etc.)	Music of African Diaspora Jack Johnson Performs "Steamboat Whistle"	Music; World Cultures



Location	Provider	Podcast Series Title(s)	Sample Podcast Titles	When to use
iTunes U	Universities and Colleges: University of South Florida; College of Education	Lit2Go: Audio Files for K-12 (check grade level tabs)	Flatland The Scarlet Letter Beowulf The House of Seven Gables Wuthering Heights Dracula Treasure Island	Free audio books for students to listen to
iTunes U	US Holocaust Memorial Museum	Witnessing Darfur Antisemitism and Hatred The Nazi Olympics	Helen Jonas: Holocaust Survivor Elie Wiesel: Nobel Peace Laureate	US History, World History
iTunes U	Gilder Lehrman Institute of American History	Slavery and the American Revolution Songs of Slavery and Freedom Famous Americans	1866: The Birth of Civil Rights The Battle Cry of Freedom Harriet Tubman: The Road to Freedom	US History



Location	Provider	Podcast Series Title(s)	Sample Podcast Titles	When to use
iTunes Podcast	Discovery Networks	Discovery Channel Video Podcasts; Dirty Jobs Video Podcasts; Discovery Space Podcast; Discovery News (Video); Discovery Channel Features	Extreme Alaska Giants NASA: Moon Walk Everest: Beyond the Limit Mummy History Why? Tell Me Why: Runny Noses In the Field: Dino Base Camp	Science and H/SS Classes
iTunes Podcast	Barnes and Noble's	Meet the Writers Podcast	Khaled Hosseini Ishmael Beah Greg Mortenson Judy Blume Sue Monk Kidd	Literature, English classes
iTunes Podcast	Grammar Girls	Quick and Dirty Tips for Better Writing	Run-on Sentences "Lay" vs "Lie"	English classes
iTunes Podcast	The Princeton Review	Vocabulary Minute	Smart Common Mistakes	English classes
iTunes Podcast	CNN	Student News	Each day CNN produces a 10 minute, commercial free broadcast for middle and high school classes	Current events, H/SS

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Location	Provider	Podcast Series Title(s)	Sample Podcast Titles	When to use
iTunes Podcast	Dr. Matt J. Carlson	Dr. Carlson's Science Theater	Angular Momentum States of Matter Walking on Water The Sweat Episode	High school physical science classes
iTunes Podcast	Scientific American	60-Second Science	Dead Stars Tell of Rocky Planets Milky Way Now Larger in Size Eat Less, Remember More	Science