



Got an iPad? Then you've got a handy assistant to help you be an even better teacher!

v4.1
May 2018

iPad as the TEACHER'S PET



Infographic by Tony Vincent
learninginhand.com/pet

SHOW ON A BIG SCREEN

374 iPad-using teachers on Twitter answered a survey in October 2017. They were asked,

"How do you mirror your iPad's

Let students see what you see on your iPad's screen by **mirroring** it to a projector or TV. You have several options when it comes to mirroring...

WIRELESS

Apple TV



Connect an Apple TV to your projector and use iPad's AirPlay feature to mirror. Requires HDMI or HDMI to VGA adapter.

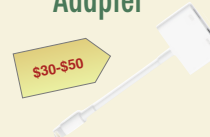
AirServer or Reflector



Install software on your projector-connected computer and use iPad's AirPlay feature to mirror the screen.

WIRED

VGA or HDMI Adapter



Connect directly from your iPad to a projector. Which adapter do you need?

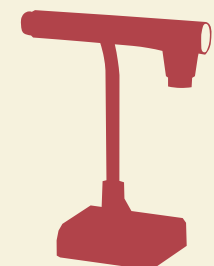
Using a video adapter is the most reliable way to mirror iPad's screen.

QuickTime



Use iPad's USB cable to connect to a Macintosh. Open QuickTime on the Mac and choose New Recording. Click the arrow next to the record button and choose iPad as the source. iPad's screen

Document Camera



A document camera allows you to show your fingers and gestures. Glare from

display for students to see?"

Respondents were able to select more than one option.

11% do not mirror their screens

46% use an Apple TV

33% use AirServer or Reflector

21% use an adapter

5% use QuickTime

10% use a doc camera

appears in a windows on the Mac's screen.

overhead lights can be an issue.

When your iPad is mirrored to a projector, you can show anything that runs on your iPad, including...



\$6.99

SMART Notebook

Create and use interactive slide decks. You can even import many existing SMART Notebook files.



Subscription

Explain Everything

Turn iPad into an interactive whiteboard! Draw and annotate over photos, PDFs, and slides.



\$4.99

SketchParty TV

Use SketchParty TV's custom word list to play a classroom drawing guessing game. One student draws on the iPad while her team guesses the word concept being drawn.



IPEVO Whiteboard

Use iPad's camera to display live video of objects, textbooks & student work. Sketch, write, label, or point over what the camera sees in real time.

Justand Document Camera Stand

Belkin Stage Portable



The IPEVO Whiteboard app can help turn iPad into a document camera. For best results, buy, find, or improvise a stand for your iPad.

Use the promo code **DFK872** (after the 30 day free trial) to save 10% on the life of any Explain Everything subscription!

Control your projector-connected computer wirelessly.

Walk around the room while seeing and using your Mac or PC on your iPad.



FREE

PAID

Doceri



Install Doceri Desktop on your Mac or PC. Then use Doceri to control and annotate your computer's screen.

Chrome Remote Desktop



Install the Chrome Remote Desktop app on a computer and then view and control that computer with your iPad app.

Splashtop 2 Remote



Install Splashtop Streamer on your Mac or PC. Then access that computer from your iPad.

Splashtop Whiteboard



Not only can you view and control your computer, but you can draw, highlight, write, and spotlight.



Mirroring your iPad?

Use the Zoom Controller as an onscreen pointer...

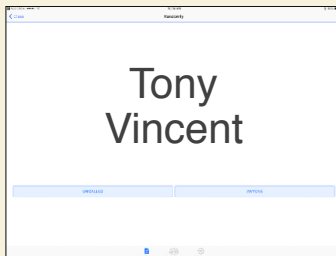
Go the Settings app, click General → Accessibility → Zoom. Turn on Zoom & Show Controller.

MANAGE THE CLASSROOM

Use your iPad to randomly select students, monitor noise levels, display messages, track behavior, and count down time.

These apps are free of charge unless otherwise noted.

Input student names into **Randomly** then choose pick from the whole class or those who have not yet been called on.



Monitor noise levels, tally points, and display a learning intention with **Silent Light**.



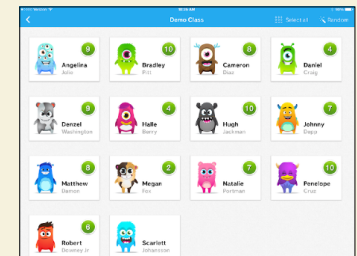
Enter text into **Make It Big** to enlarge your message to fill the screen. Shake iPad to make your message blink.



iDoceo is a teacher's grade book, timetable, attendance taker, diary, and resource manager.



Use **ClassDojo** to track student skills and behavior by adding and subtracting points.



Randomly



Silent Light



Make It Big



iDoceo



Class Dojo



Chwazi Finger Chooser



Decide Wheel



Counter+

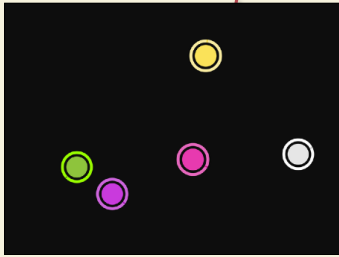


Fun Time Timer



Clock

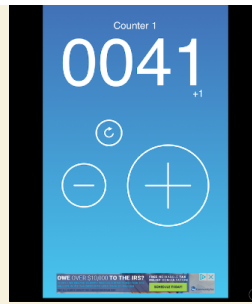




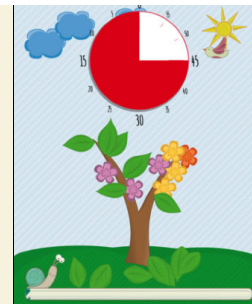
Pick a student or choose teams with **Chwazi**. Students each put a finger on the screen and one finger is chosen. Or, have the app make up to 6 groups by color coding students' fingers.



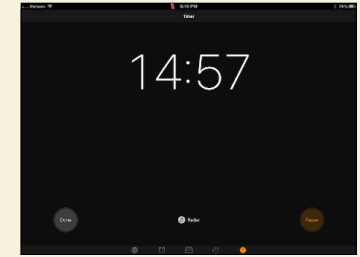
Use **Decide Wheel** to create a wheel of options. Spin it to randomly select from the options. Use for class rewards, lesson extensions, math problems, etc.



Counter+ is a replacement for mechanical counters. Use it to count students, behaviors, responses, accomplishments, etc.



Put a digital timer on display. **Fun Time Timer** displays a ticking pie chart and a progress bar with a cute snail.



The **Clock** app that is already on your iPad makes for a great timer. Its Timer displays the countdown large enough to be seen from across the classroom.



Add paid apps to your wishlist at AppShopper.com and get notified by email when any app on your wishlist drops in price!



ASSESS STUDENT WORK

Grade student work, keep anecdotal notes, track progress, and collect learning artifacts.



"My recipe for bad grades: don't study."
– Todd Barry



"He reminds me of the kid in fifth grade who reminded the teacher she forgot to give the homework."
– Jonathan Solomon



"Our school color was manila."
– John McDowell

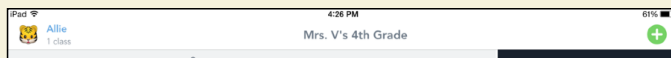


"Life is not a multiple choice test, it's an open-book essay exam."
– Alan Blinder

Seesaw: The Learning Journal



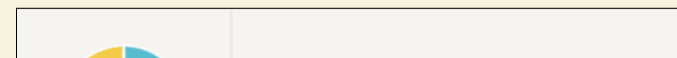
Seesaw is a very easy way for students to add their work to an online learning journal. First, the teacher creates a class list inside of Seesaw. A student adds work simply by selecting his or her name and uploading. Work can be added all on the same iPad or from different devices. A student can also add a caption or audio narration. The teacher can provide feedback, and she is in control of what is published to the class feed.



FreshGrade



With **FreshGrade** teachers can create, collect, and grade assignments. Assignments can be text files, images, audio files, and videos. Student work is archived in portfolios and FreshGrade makes it easy to review progress. It can create a slideshow of each student's top highlights from the school year. The slideshow, student work, teacher feedback, and grades can be shared with parents.



Verizon 5:22 PM forallrubrics.com Tony Vincent Go Offline Admin Log Out

ForAllRubrics | Complete Rubric

ForAllRubrics Super Powered Rubrics

My CLASS DESIGN LIBRARY ANALYZE HELP CENTER

Working With: 4th Grade Rachele Woodman < Set Status >

BIE: MIDDLE SCHOOL PRESENTATION RUBRIC FOR PBL 04/08/2014 Done

< No Activity Selected >







Add Rubric Comment SCORE: 3/28

Items	Below Standard (1 Point)	Approaching Standard (2 Points)	At Standard (3 Points)	Above Standard (4 Points)
<p>Items</p> <p>Explanation of Ideas & Information</p> <p>• uses too few, inappropriate, or irrelevant descriptions, facts, details, or examples to support ideas</p> <p>• uses some descriptions, facts, details, and examples that support ideas, but there may not be enough, or some are irrelevant</p> <p>• uses relevant, well-chosen descriptions, facts, details, and examples to support claims, findings, arguments, or an answer to a Driving Question</p>				✓



Easily find or create rubrics in your web browser. Complete them by going to ForAllRubrics.com in Safari on your iPad. Safari can store and sync rubrics for use offline. You can print rubrics or save as a PDF or spreadsheet. You can also have students log in to view their rubrics.



 5 Students			New Activity JUL17	Maths Assignment JUL17	Science Homework JUL17	Museum Field Trip JUL17	English Book Review JUL17	Geography Map JUL17	Final Take Home JUL16
	Dean Ambrose	A	C+	B	B	A	C+	B	A
	Daniel Bryan	B	A	A	C+	A	A	C-	B
	John Cena	C+	C+	B	A	B	F	B	B
	Randy Orton	B	F	B	B	A	A	A	B
	Roman Reigns	A							A

◀ Back

Quiz Sheet

Delete

Class: 5th Grade

Student: Tony Vincent

1.	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
2.	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
3.	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
4.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
5.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input checked="" type="radio"/> E	<input type="radio"/> X
6.	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
7.	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X
8.	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> X



Quick Key

Quick Key eliminates hand-grading of multiple choice answer sheets. A teacher inputs classes, students, and quizzes into the app or into the web interface at quickkeyapp.com. Students fill in the Quick Key bubble sheet and the app grades it instantly by scanning it through the iPad's camera.

Set Passcode

Cancel

Enter a passcode

—

—

—

—

1

2
ABC

3
DEF

4
GHI

5
JKL

6
MNO

7

8

9

INTERACT WITH STUDENTS

Use your iPad to collect responses, communicate, and host game shows.

These tools don't require students to have iPads, but some do call for students to use a computer or device that can access the web, email, or text messaging.

FREE All of these tools can be used free of charge.

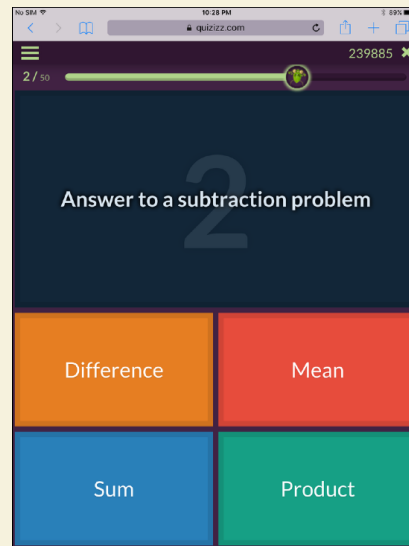
Post-it Plus

Collect, sort, and share student responses with sticky notes! Open **Post-it Plus** and create a new board. Then snap a photo of one or multiple sticky notes. Post-it Plus digitized them, allowing you to sort them and share the board as a PDF.



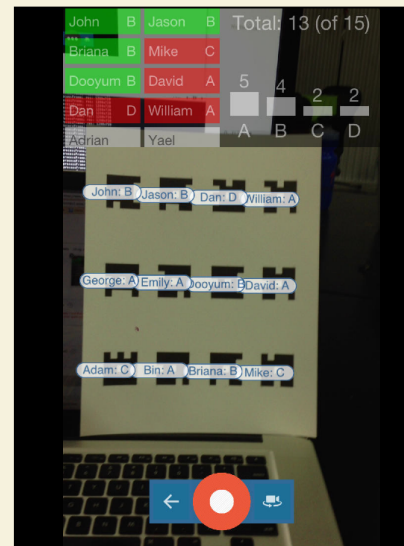
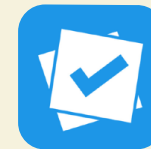
Quizizz

Quizizz is a game-based classroom response system. The teacher can create quizzes and students join in on any device or computer by entering the game-pin. A game can be left open for up to two weeks, so students can cycle through on one iPad if necessary.



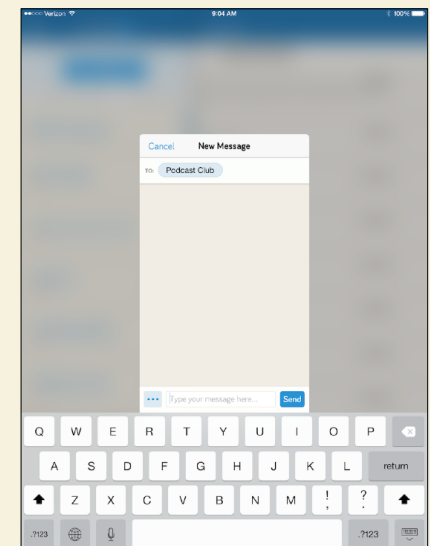
Plickers

Poll your students without the need for them to have any devices. Simply print a card for each student to hold up. Pan your iPad across the room so Plickers can scan the cards using the camera.



Remind

Use the Remind app to send text messages and emails to groups of students or parents. Teachers never see students' phone numbers, and students never see theirs.



Audience Soundboard

Tap to instantly play sound effects that are great for when playing a game in the classroom.

Talent Show Buzzer

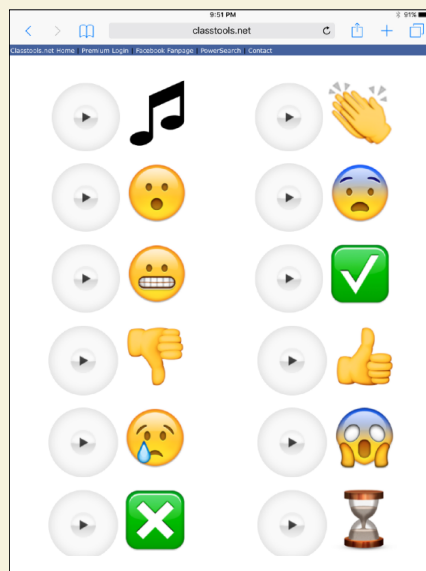
Have up to 4 students gather around your iPad to host a little competition where students buzz in.



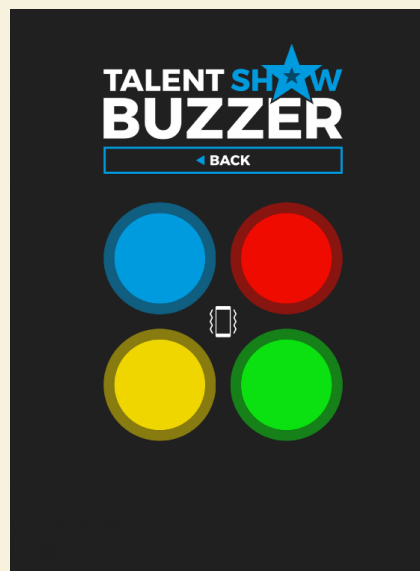
Access the Audience Soundboard as simple webpage at classtools.net/soundboard



Play classroom **Password** with the help of Audience Soundboard to reinforce vocabulary! Simply create a slideshow in PowerPoint or other slideshow software on a computer that is mirrored to a projector. Put one vocabulary word on each slide. Start a 60 second timer. Pairs of students try to guess as many words as possible. One player is the guesser and has his back to the projector screen. The other is the clue giver. Clues can only be one-word guesses. Use Audience Soundboard after correct and incorrect guesses.



Only one of the four colored circle can be pressed at a time, allowing you to see who buzzed in first.



Water Cycle	Clouds	Weather Vocabulary	Stormy Weather	Tornado Safety and Trivia
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500
Team 1 Team 2 Team 3 Team 4 Team 5				

Play classroom **Jeopardy** with the help of Talent Show Buzzer. Simply create a game board at jeopardylabs.com and show it on a computer that is mirrored to a projector.

Divide the class into 4 teams. Each team takes turns sending up one player to buzz in using Talent Show Buzzer. The first player to buzz gets to answer the current question. You can use jeopardylabs.com to keep each team's score.

Want quick access to a web page on your iPad? Add the page to your Home screen! Here's how → When viewing the page in Safari, click the Share button.



Then choose Add to Home Screen.

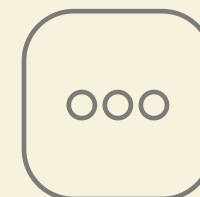
ACCESS YOUR FILES

Your documents, photos, videos, and more can be stored online for easy access.



Share

Many apps have an **Open In...** option you can find after clicking the Share button. This will copy the file you currently have open or selected into another app. This is handy for storing your files and an easy way to get to them on a Mac or PC if you use a cloud storage service like the ones below.



Open In...



Google Drive

Upload photos, videos, and other files from your iPad to your Google Drive. Install the Docs, Sheets, and Slides apps in order to view, edit, or create documents, spreadsheets, and presentations.



Evernote

View, edit, and create notes that can contain text, images, audio, and other files. Everything is synced online for access from other devices and computers.



Google Keep

Capture, edit, share, and collaborate on your notes. It's great for adding lists and photos. You can also add voice memos that are automatically transcribed. There's even the option to be reminded about a note.



Microsoft OneNote

View, edit, and create notes that can contain text, images, audio, and other files. Everything is synced online for access from other devices and computers.

Install the Mac or PC versions of these apps to have the same access on your desktop.



Word



PowerPoint



Excel

If you store your Microsoft Office documents in OneDrive, you can view those same documents in Microsoft's Word, Excel, and PowerPoint iPad apps. You must have an Office subscription in order to edit or create documents.

If you store your Apple iWorks documents in iCloud, you can view and edit those same documents in Apple's Pages, Keynote, and Numbers apps. Use these same apps to create and export documents.



Pages



Keynote



Numbers



You can lock your iPad into a single app. This is nifty when handing off your device for a student to use. Turn on Guided Access by opening Settings, choosing General, and selecting Accessibility.



MAKE

INSTRUCTIONAL MEDIA

Use some incredible apps to make multimedia creations for your students.
These apps are free of charge unless otherwise noted.

It's like cloning yourself...

You can be in more than one place at once!



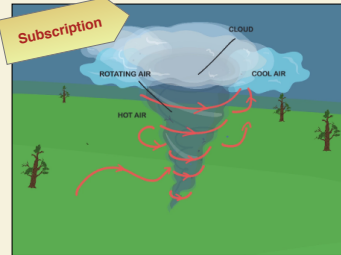


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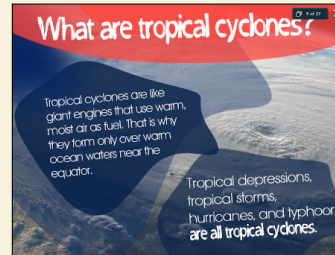
Create ebooks on your iPad. Add text, photos, drawings, video, music, and audio recordings with **Book Creator**. Save your book to iBooks or publish online.



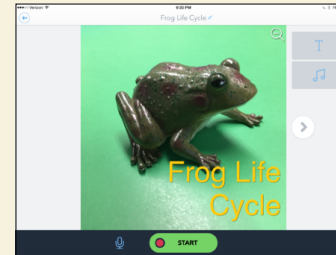
Use **Explain Everything** to record your voice as you draw on a whiteboard. You can also import images and video and add annotations and animations.



Create or upload slideshows and add questions and interactive elements. Slideshows can be self-paced so students can cycle through using one iPad if necessary.



Narrate a series of images to create instructional videos with **Shadow Puppet Edu**. Import your own images or use the app's image search. Share online.



Share beautiful step-by-step how-to guides using **Snappguide**. Take or import photos or video and add captions. Guides are published on snappguide.com.



Book Creator



Explain Everything



Nearpod



Shadow Puppet Edu



Snappguide



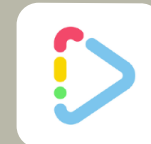
Adobe Spark Video



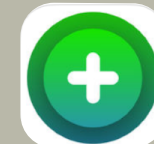
Adobe Spark Page



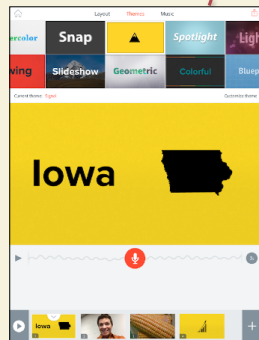
Adobe Spark Post



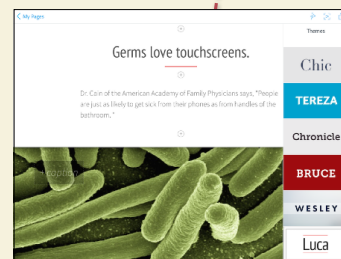
TinyTap



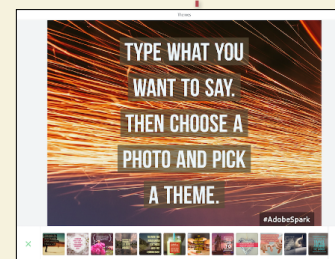
Flipgrid



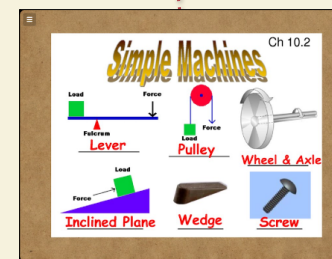
Create a slick narrated slideshow with **Adobe Spark Video**. Use your own images or search Creative Commons images and symbols from within the



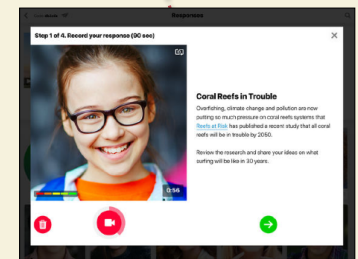
Publish an elegant webpage with **Adobe Spark Page**. Combine text, images, and web links into one scrollable page. Get a URL to share the page with students



Create stunning graphics in **Adobe Spark Post**. Enter text, choose a photo, and pick a theme to make informational images. Saves to your Photo Library



TinyTap activities can have multiple pages and each page can have different interactive elements, like puzzles, question blanks, and multiple choice



Collect selfie videos from students with **Flipgrid**. After setting up a free account at flipgrid.com, students can use the app to easily submit

images and symbols from within the app. Exports as a video file.

a link to share the page with students.

images. Saves to your Photo Library.

question blanks, and multiple choice questions.

Use the app to easily submit reflections, questions, etc.

According to an October 2017 survey of 374 iPad-using teachers on Twitter, the average number of apps installed is 99.



LEARN NEW THINGS

Teachers are lifelong learners, and with your iPad, learning is in hand!



"I teach in order to learn."

– Robert Frost



"Those of us who aim to lead learning must be ourselves Chief Learners in order to be Chiefs of Learning."

– Jonathan Martin



"You'll never know everything about anything, especially something you love."

– Julia Child



"I am learning all the time. The tombstone will be my diploma."

– Eartha Kitt



iTunes U

iTunes U gives you free access to complete courses from leading universities, schools, and individuals. You might be interested in *Maximizing Google Drive on the iPad*, *Student Created Books in the iClassroom*, *Classroom 2.0 Live*, or *Edutopia*.



iBooks

iBooks is Apple's app for reading books. There's a store where you can buy books. But, there are plenty of free books to download, and there's a Free Books section you can browse. You might be interested in *Lecturing with an iPad*, *iPad Tips & Tricks*, or *Flipping the Classroom*.



Flipboard

Flipboard is your personal magazine. You choose the topics and start reading. You can also make magazines from Twitter posts. For instance, you can make a magazine with everything Tony Vincent posts by entering @tonyvincent. Or, make a magazine from **hashtags** on Twitter.



Nuzzel

Nuzzel collects the most popular links from the people you follow on Twitter. In fact, you can see the top links from the awesome educators Tony Vincent follows at nuzzel.com/tonyvincent.



TWITTER HASHTAGS

Educators include keywords like these in their tweets so that others can find them:

#iosedapp
iPad, iPod & iPhone apps

#ipaded
iPad in Education

#edtechchat
educational technology

#ipadchat
iPad in Education

#AppleEDUChat
teachers using Apple stuff

An October 2017 survey of 374 iPad-using teachers on Twitter asked which app is their favorite to use at school. The most popular responses can be seen in the word cloud below.



Top Responses

Seesaw 72
 Explain Everything 31
 Book Creator 18
 Google Classroom 14
 Google Drive 14
 Notability 14
 Pic Collage 12
 Class Dojo 10
 Greenscreen by Doink 8
 Flipgrid 8
 Nearpod 8
 Camera 7
 G Suite 7
 iMovie 6
 OneNote 6
 iDoceo 5
 Showbie 5
 Socrative 5
 Apple Classroom 4
 Doceri 4
 Google Keep 4
 Schoology 4

INFOGRAPHIC BY TONY VINCENT. FIND HIM ONLINE.

facebook.com/learninginhand



instagram.com/learninginhand



pinterest.com/tonyvincent



twitter.com/tonyvincent



Most of the app names and websites mentioned on the single-page PDF version of this infographic are hyperlinks. Go ahead, try clicking!

Prices were current when this document was updated.

Some links to Amazon and iTunes are affiliate links. Tony Vincent may be paid a commission if you make a purchase. He also makes a commission if you use the Explain Everything promo code. Thanks for your support!

Pew Internet tablet ownership findings available at pewinternet.org/fact-sheets/mobile-technology-fact-sheet



learninginhand.com/pet

Updated May 2018

