62 Interesting Ways to use an iPad in the Classroom

*and tips

#1 - Make music

Whether it's just bashing the virtual keys of the piano or playing something more tuneful, the iPad has a number of apps to make music.
Virtuoso is free and is a large keyboard that can be moved to access higher and lower notes.
iTunes Link
http://bit.ly/virtuosoHD

@stuartridout

#3 - Read out loud and share

Toy Story Read-along is a free interactive eBook from Disney (Toy Story 2 and 3 cost £5.49 each)

The application can either read the story to you whilst highlighting the words or you can record your own voice reading the story.

Children can record their own voice reading, and either listen back or give it to another pupil who provides peer feedback on it.
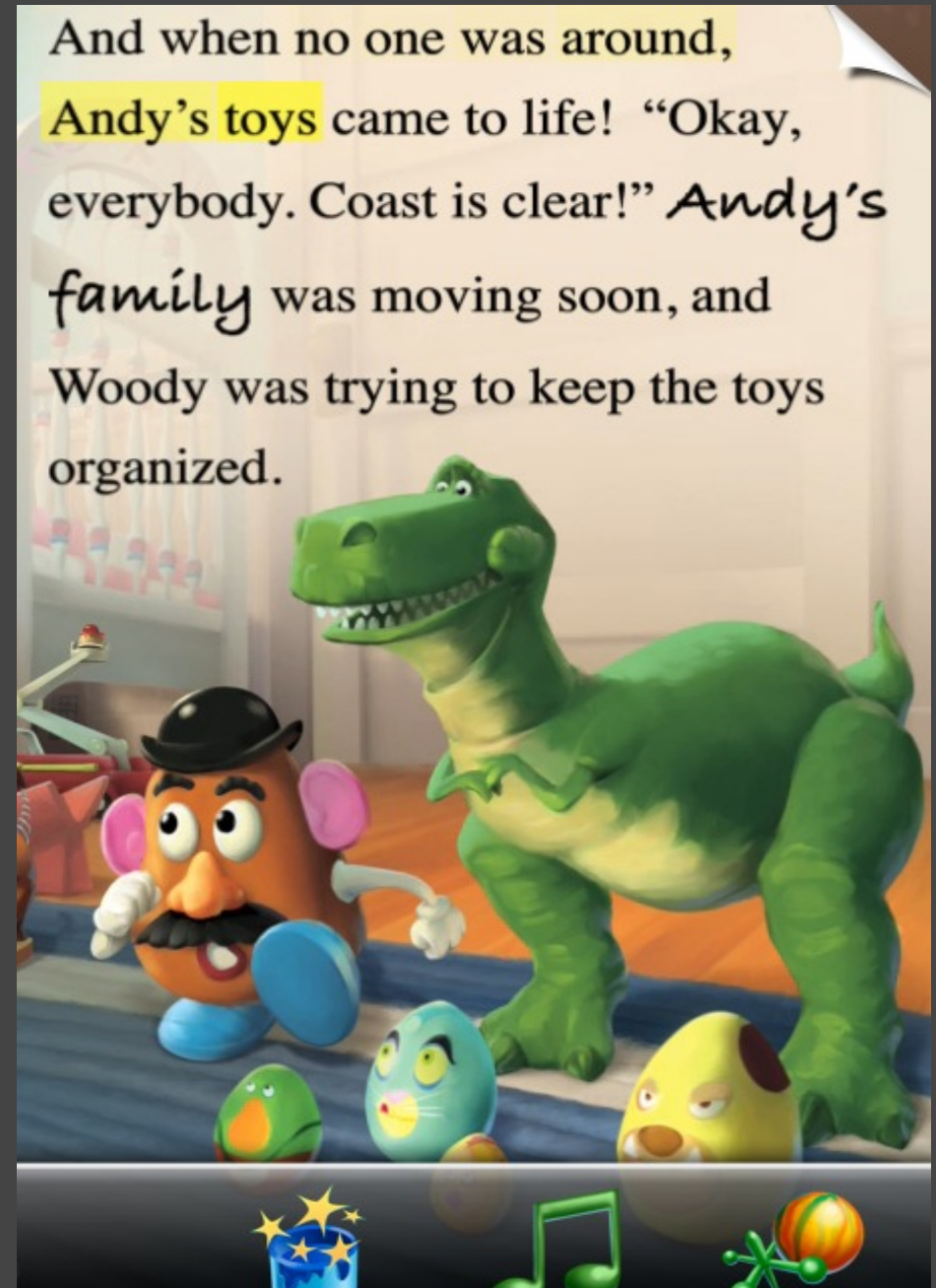
@stuartridout

iTunes links
http://bit.ly/ToyStoryReadalong
http://bit.ly/ToyStory2Readalong
http://bit.ly/ToyStory3Readalong

And when no one was around, Andy's toys came to life! "Okay, everybody. Coast is clear!" Andy's family was moving soon, and Woody was trying to keep the toys organized.

#4 - Practice letter formations

iFontMaker allows you to create your own font using your finger. It puts a guideline for the shape on-screen and you 'draw' your letter over the top.

Once you have completed all upper case and lower case it will build it into a font that can be used on the computer in the child's work as an alternative to Comic Sans!

More information
http://bit.ly/iFontMkr

@stuartridout
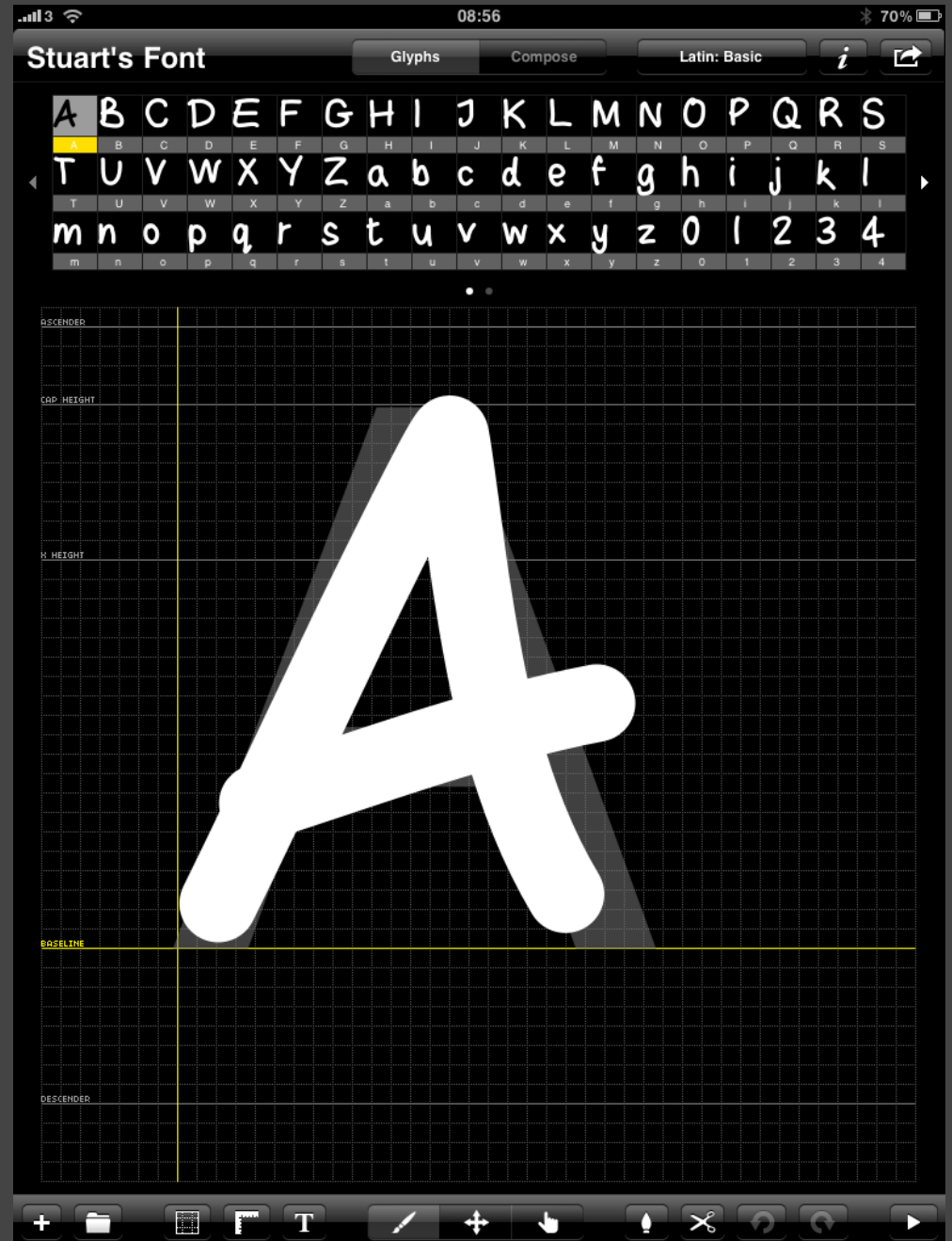
#5 - Paint and Draw!

Brushes is one of the many software programs for the iPad that allow you to paint, draw, sketch and doodle.

Share your work with iPad painting and drawing groups like this on Flickr!

More information:

http://itunes.apple.com/gb/app/id363590649?mt=8

@mjmontagne

#6 - Presentations

The iPad is perfect for instant presentations in the class or with a connector, whole school assemblies.

Make sure you install the Keynote App.

Tips
- You can import presentations from your pc
- You can add video
- You can email presentations in PDF (if you desire)

#7 - Use 'Hinge' questions to assess understanding.

Instead of having the usual multiple choice questions with one right answer and the others as incorrect, use each answer to refer to a particular level of understanding.

For example, answer 1 may be a 'B' grade answer, answer 2 may be a 'C' grade. Use a tool like eClicker to aggregate the scores and feedback to students.

iTunes Link: http://bit.ly/9qImZR

@nickdennis

#8 - Project almost anything for a large group

GoodReader is an app for the iPad that allows the viewing of many different file formats on the iPad itself. It will also allow them to be projected over the VGA-out connector.

The software does much more (hooks to servers, FTPs up and down, etc.) but I am always on the lookout for apps that project for large group work.

If you know of any apps that project, please add them to this Google Form after looking at the ones on this list.
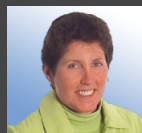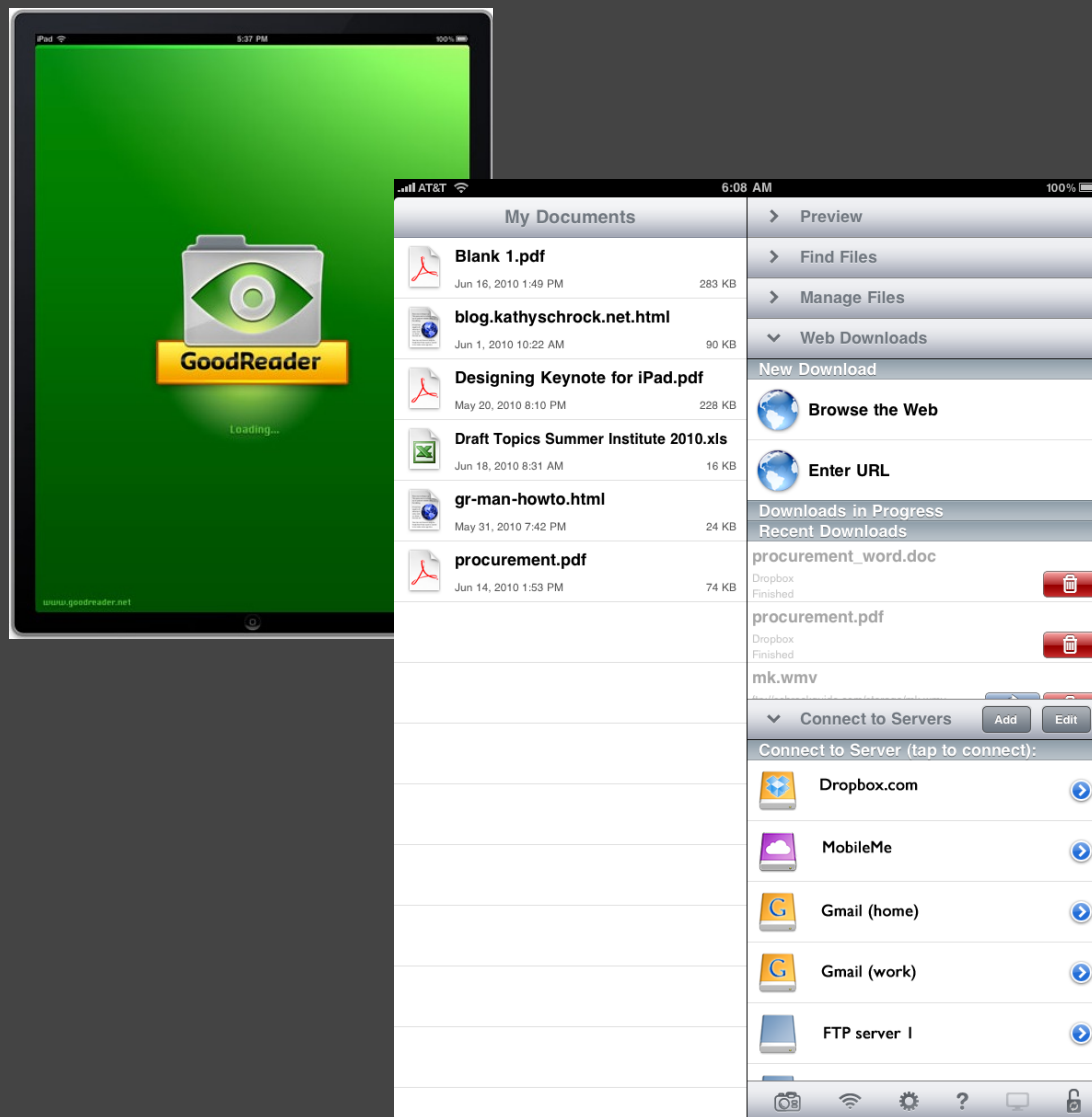
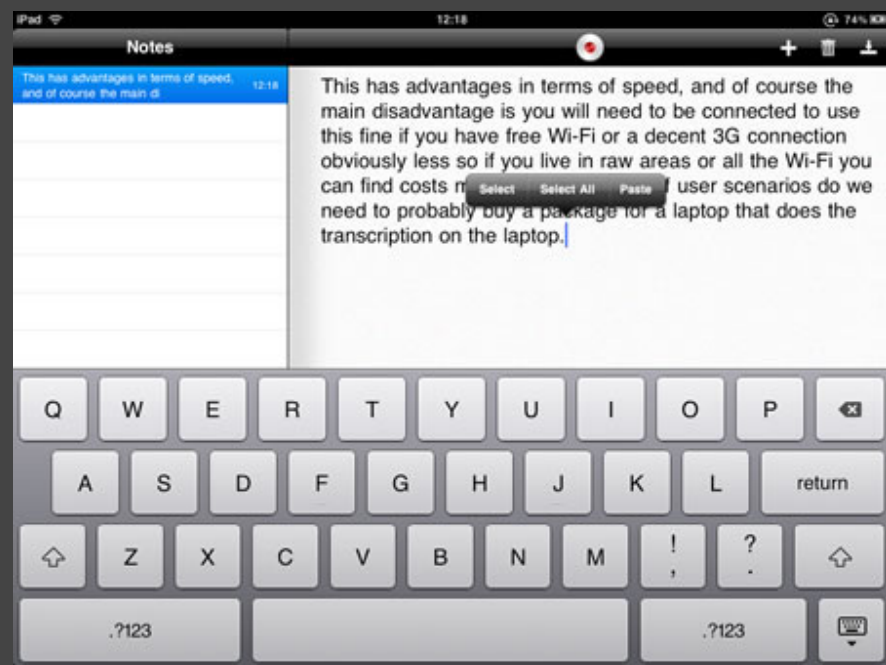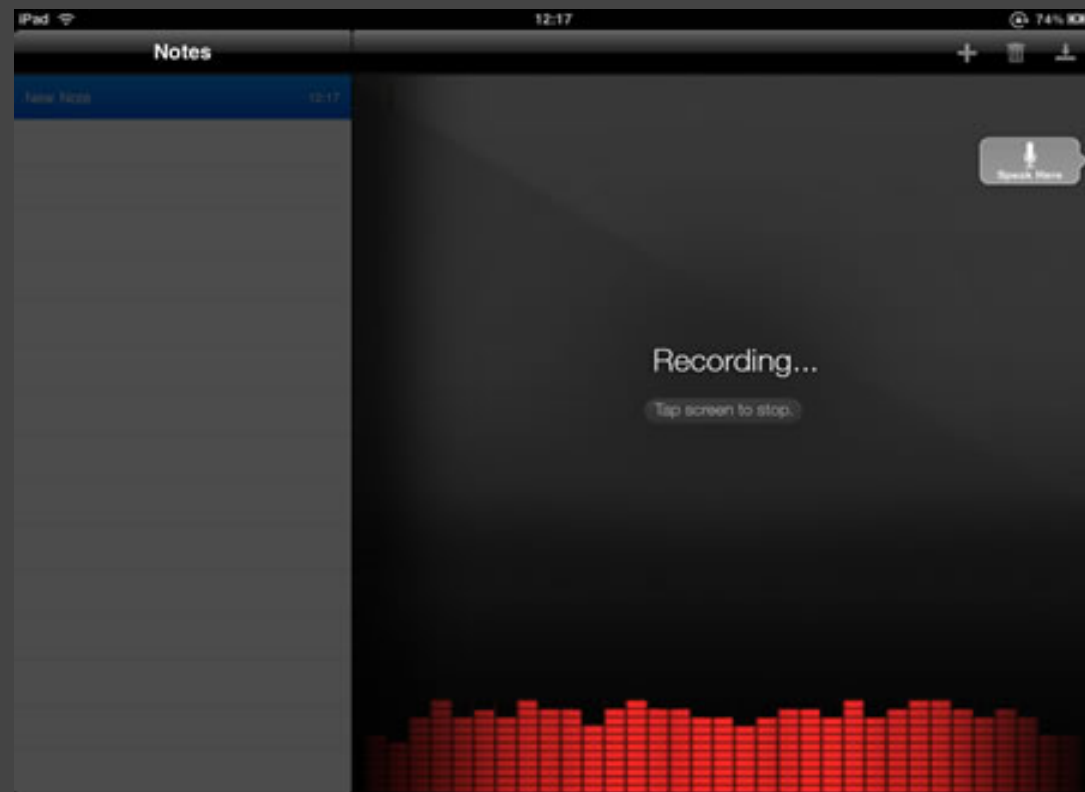Tip submitted by Kathy Schrock (kathy@kathyschrock.net)

#9

Dragon Dictation allows iPad users to quickly and easily convert speech into editable text that can be copied or sent via e-mail.

Great for learners who prefer talking over writing. Improves spelling too.

iTunes Link
http://is.gd/dYf7M
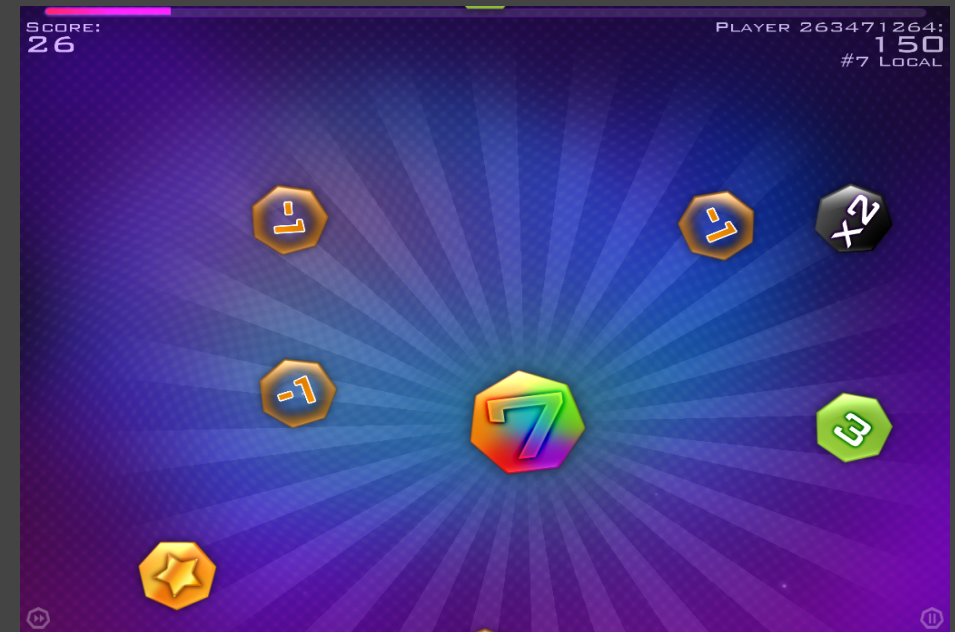
@jamesclay

#10 - Practice math skills using Super 7 HD

Practice different math skills by adding, subtracting, multiplying, and dividing to combine numbers to get a 7. Connect numbers with your fingers. The more sevens, the higher the score. If a student goes higher than 7, the game is over. Fun, addicting, and full of purpose.

@DerekBraman

#11 - Control your classroom computer

Using 'Mobile Mouse' app, control your IWB / projected computer from across the room. Model writing, manipulate examples or 'live mark' their work as they are writing in google docs.

Get away from the front of the classroom and allow children to work live on the board for a more collaborative classroom dynamic.

@oliverquinlan

#12 - Take or record classroom notes

Use smartNote to send students outlines or worksheet activities. They can then 'write' on them and share them back with you for assessment or send them to the web for pickup at home. Using this app, students can also audio record ideas or instructions for later use. SmartNote allows students to insert images, browser views, and tons of widgets in a personalized notebook.

@mzmacky
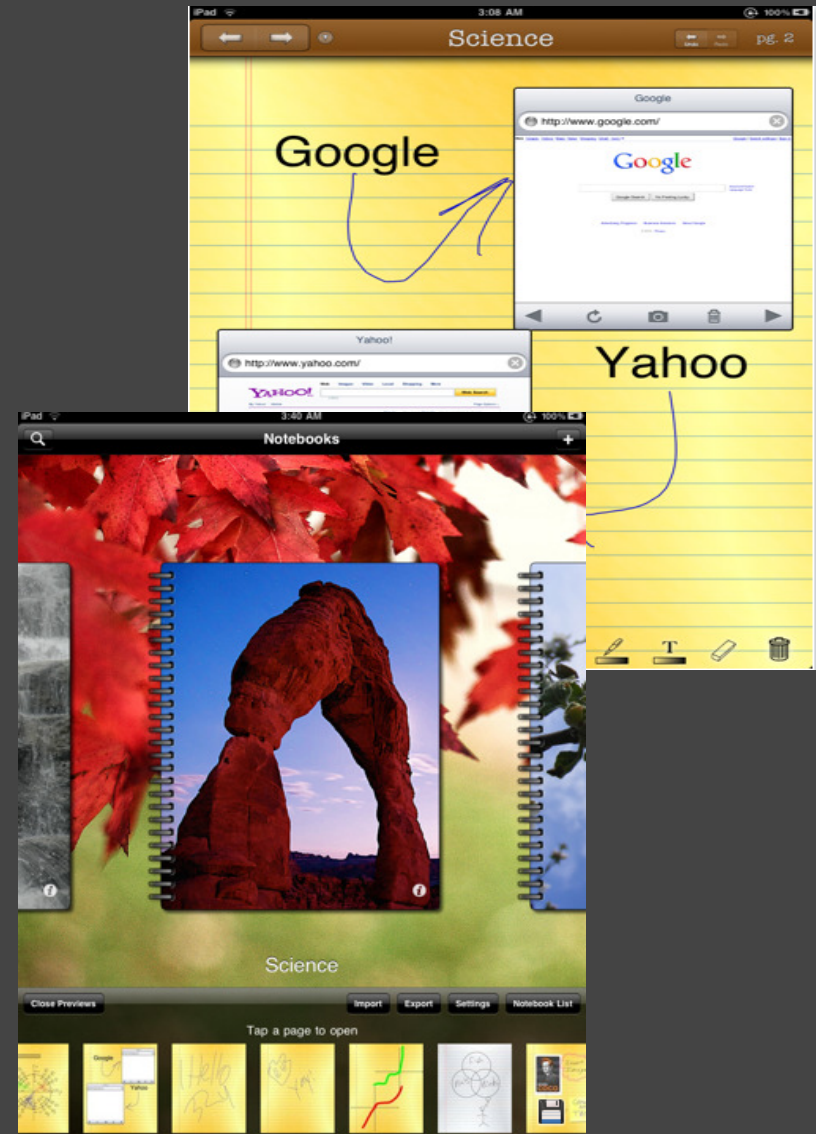
#13 - Save and Edit Images

 By importing photos or taking screenshots on the iPad (click both power and home buttons) students can save an image of something they find or are working on and edit it to make a cool poster, background or image to add to a notebook or document. Lots of photo editing apps are available like Photogene.

@mzmacky

#14 - Start 4 year-olds* blogging

*or 104 year-olds

A number of iPad apps have email built in...
i) You set up the kids' blogs on Posterous and add these to Contacts on the iPad.
ii) They use DrawingPad or similar authoring tool
iii) They email the results to their blog - no typing required and even pre-literate kids can usually spot their own name in a list.
They've just made their first contribution to an e-portfolio.
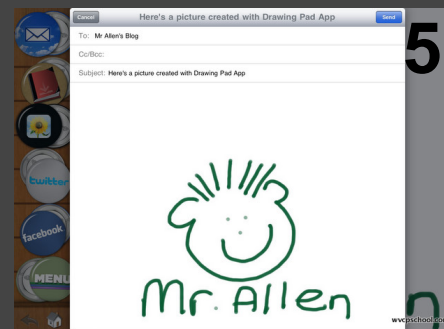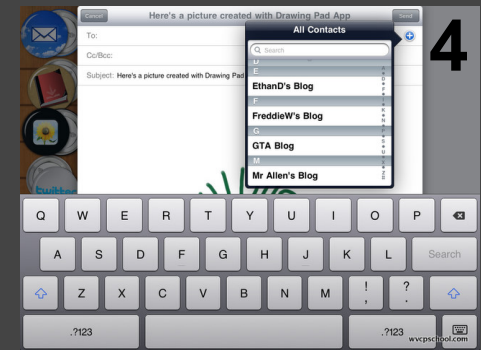
Mark Allen
@edintheclouds

#15 Use the Guardian Eyewitness app to stimulate discussion

Use these high quality, engaging photos to stimulate discussion in:

- A-level Modern Languages
- Citizenship
- English
- Geography
- Science
- Art

and probably a whole lot more!
http://www.guardian.co.uk/ipad

Catherine Elliott
@catherinelliott

#16 Use the iPad as an expensive mini-whiteboard.

Install a painting app such as the free Doodle Buddy. Students can then use the iPad to draw their answers to questions as they would on a mini-whiteboard, but with less mess and no need for pens.

The app can also be used in MFL when doing description - iPad in pairs, one person describes hair and eyes in the target language, the other draws what they hear.
iTunes link: http://bit.ly/dxa6GD

Catherine Elliott
@catherinelliott

#17 Create mind maps to aid revision or plan projects.

Use **Idea Sketch** (free, simple and pleasing to use) to create mind maps.

Ideal for revision of subjects, but can also be used to plan out projects. You can save each "Idea Sketch" as an image once you've finished.

iTunes link: http://bit.ly/aOhWd6

Catherine Elliott
@catherinelliott

#18 Free copies of Shakespeare texts

Senior classes annotate their own copies of current Shakespeare play using either iBooks or Stanza, both free apps.

Scroll through scenes and acts, bookmark and annotate, search for quotations, find dictionary definitions, copy and paste annotations into own documents.

iBooks

Stanza

#19 Play (Stream) Video from your Mac

Air Video & Air Video Free

These apps let you watch the videos from a Mac on any number of iPads in the classroom.
Students can all watch the same video, or choose separate ones to watch individually, depending on lesson objectives.

@theokk

More info and free server software available <u>here</u>
It only takes a few seconds to do this

Stream up to 5 Videos

Stream any number of Videos

#20 Make Comics

Strip Designer
is a great app for creating comics on an iPad, iPod touch or iPhone.
Comics are a great way of getting children to record or report on their experiences & learning.
Strip Designer is easy to use and has lots of features. (it has built in google maps snapshotting! EG shows Google Earth screenshot)
App can upload to flickr, twitpic, email (posterous) etc.
@johnjohnston

#21: Navigate your world : 1

Google Earth
looks great and works great on the iPad.
It's a great way of gathering a group of students around to brief them during a fieldtrip. Prepare placemarks showing key locations, and then send groups off to carry out their tasks.
Maps created using Google's My Maps can be viewed in Google Earth e.g Noel Jenkins's Wellington Stories map is shown opposite (@noeljenkins)
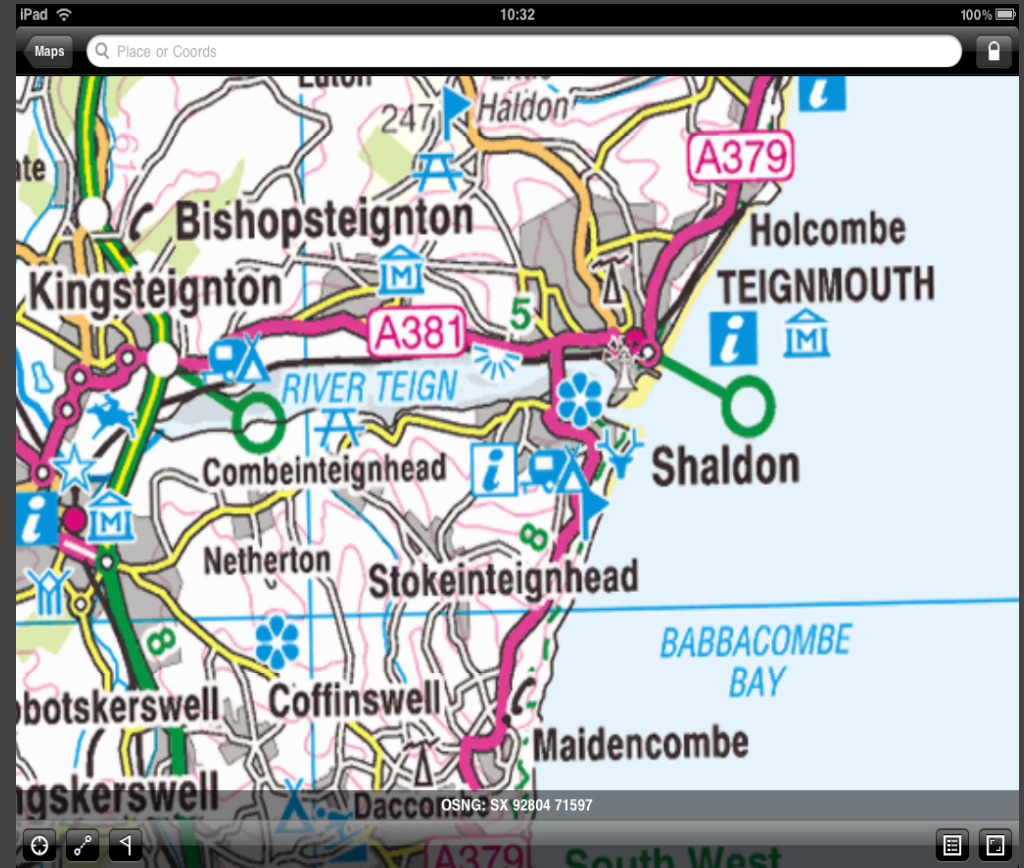
@geoblogs
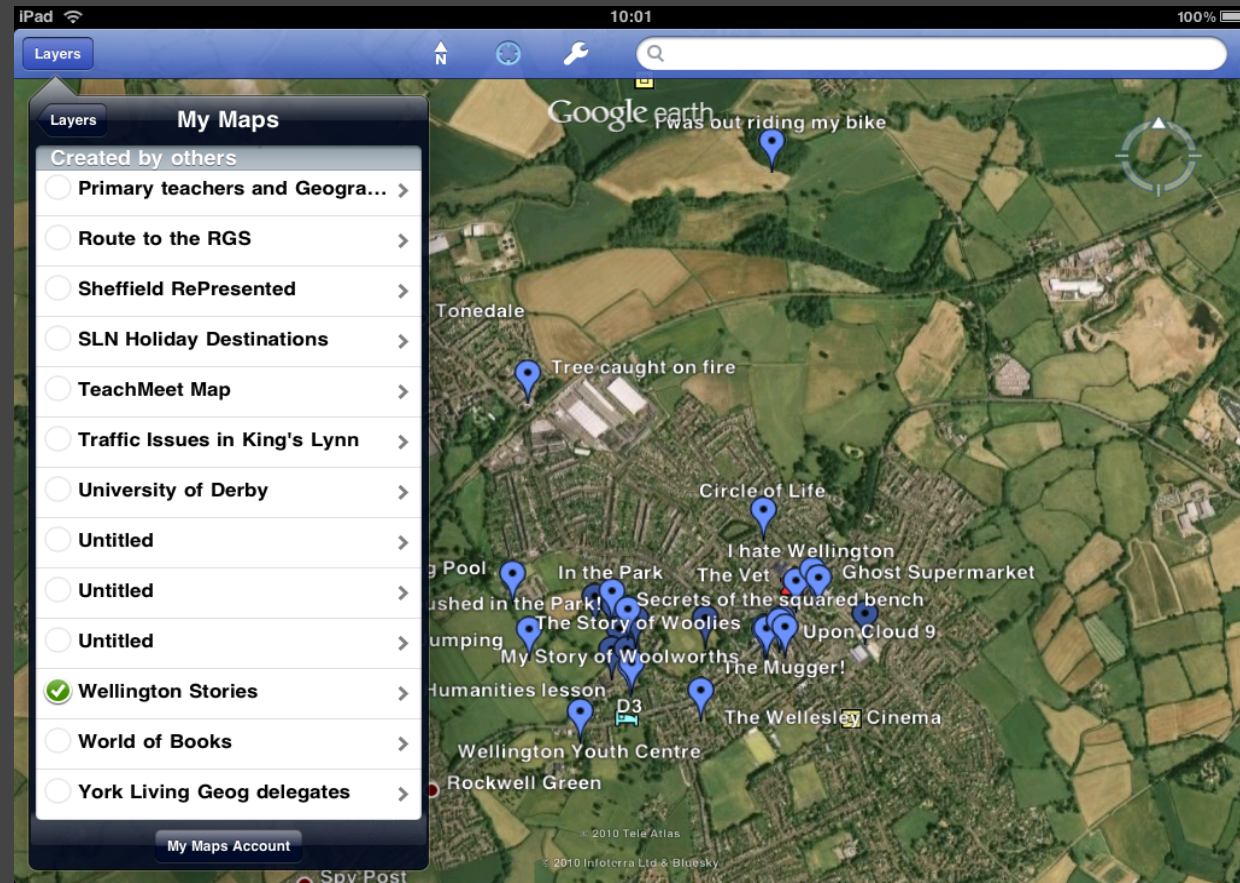
#22: Navigate your world : 2

OS GB 250K

A free OS map of the whole country is available by downloading the OS 250K app for the iPad

Useful as a basic route finding map, to help with work on tourism, basic route finding work and settlement location. Also has a few basic measuring tools.

@geoblogs

#23: Navigate your world : 3

Pacific Disaster Centre

This free app provides an updated stream of information for natural disasters around the globe. This includes tectonic hazards, flooding and other meteorological hazards. Some hazards such as the recent Chinese landslide, and heatwaves in Russia are not included though.. Clicking on the alerts leads to more detail. Useful for 'Risky World' style topics

@geoblogs

#24: Keep Your Notes: Evernote

Evernote

[Evernote](#) allows you to keep notes and clippings in an online account that you can access anywhere. Find out more [here](#).

[Download](#) the App onto your iPad and computer.
Have Evernote logged in on the data projector in class. Students can write their notes/ideas etc when brainstorming and then 'sync' to the Evernote account. The class will be able to see each idea pop up as they 'sync' to Evernote.

Also a great tool for sharing kids writing off the iPad.

@heymilly
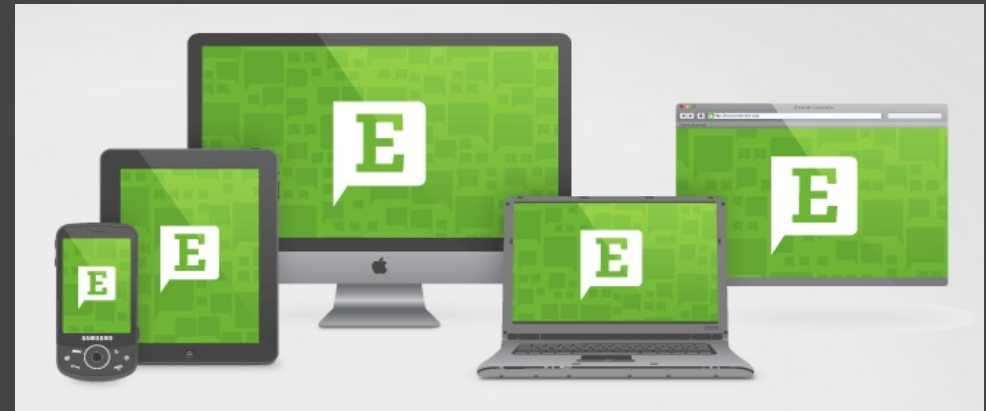
Willy was feeling brave because picked up the spider. In the illustration willy picked up the spider. In the writing it says willy went close to the spider.

☐ **Untitled Note**
5/14/10 10:37 AM

Willy is feeling sad. Because the other monkeys said he is useless.

☐ **Untitled Note**
5/14/10 10:21 AM

Thursday 13th May 2010

In the holiday I went to snow-planet with my family. When we got there, we went to buy a pair of snow-gloves. The snow-gloves were for me, because I don't have a pair. The snow-gloves were black. After we brought it

☐ **Writing-Snow-Planet**
5/13/10 12:03 PM

#25: Keep group projects flowing with instant access to information

One iPad goes a long way when students are working in a group. It gives them instant access to the information they need to succeed - either through apps, stored data, or the internet.

It's far more dynamic than a laptop - it can be shared, passed around, propped up, gathered around - it quickly becomes a key tool for enabling group work.

This instant, shared, tactile access really keeps student group projects flowing!
@jamesrcross

#26: Give students access to lots of virtual music gear

There are hundreds of faithful reproductions of music hardware in the App Store - letting students get their hands on loads of expensive gear for next to nothing.

The Korg iElectribe is a perfect reproduction of a £400 piece of hardware - for £11.99. There are also loads of free reproductions of classic drum machines - not to mention the iPad version of the famous Reactable instrument.

@jamesrcross

#27: Keep records on student behavior or assess progress

Use TapForms to customize or create forms that can be used to track all kinds of data on your students.

TapForms is essentially a database, so many different kinds of fields, drop-down lists, and buttons can be set up in the program. Forms can even be shared with other teachers!

Records can be exported to desktop and then analyzed in a spreadsheet or for permanent record keeping.

An iPad specific version of this App
due out in near future.

@Thespian70

TAPFORMS X

#28: Helping children gain fluency when reading or presenting orally.

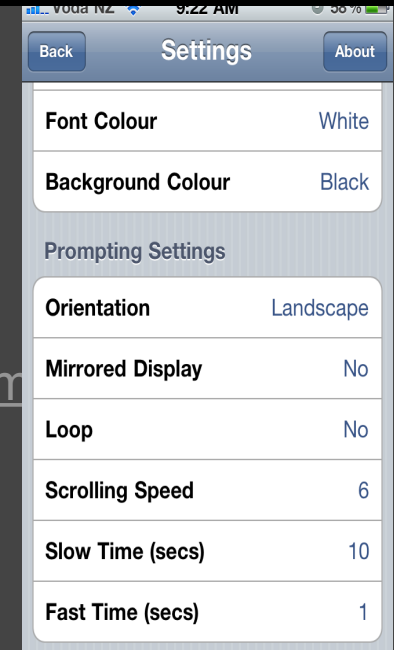Use i-Prompt which is, in reality an auto cue.

Children, or grown-ups, can copy text into i-Prompt. You can change the speed of the text as it rolls through the auto cue to suit the skills and fluency of the reader.

It's hard to show in static images but works well.Great for speech making and helping children read more fluently.

iTunes link : http://itunes.apple.com/us/app/i-prompt/id336844826?m

@allanahk

would hope that all schools would have reliable access to ultra

Back	Settings	About
Font Colour		White
Background Colour		Black
Prompting Settings		
Orientation		Landscape
Mirrored Display		No
Loop		No
Scrolling Speed		6
Slow Time (secs)		10
Fast Time (secs)		1

#29 - Puppet Pals

Puppet pals is a fantastic app – students can create their own story record voice and make the actions with the characters they have chosen – record and play back, save their play or performance.

Only issue they can't export yet but are working on it – great for language students to practice their vocab and for all students to improve literacy skills.

iTunes link : http://itunes.apple.com/gb/app/puppet-pals/id342076546?mt=8

@craff2008

Find out more

#30 - PhotoCard Lite

PhotoCard Lite for iPad is fantastic for geog, literacy – students can use the pictures supplied but they can also upload any photo then write the postcard and email it – they could create a series of postcards to explain a holiday or journey or use it to enhance a journal or other project

iTunes link : http://itunes.apple.com/gb/app/bill-atkinson-photocard-lite/id356124208?mt=8

@craff2008
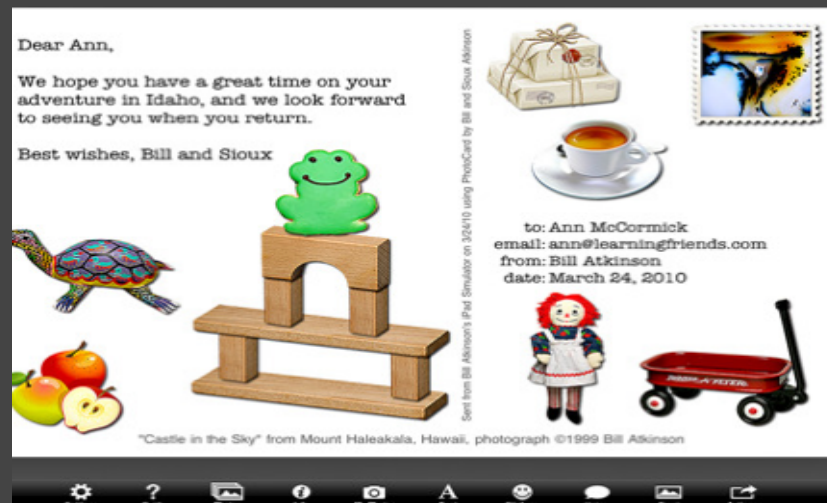
#31 - QuickVoice

The QuickVoice app is great for recording children's sentences. They can playback the sentence they want to write and count the words out as it plays. As they hear the sentence in the right order, it has made it easier for my Reception class to remember what word they need to sound out next.

We have also used this to record our favourite songs and nursery rhymes.

Marc Faulder
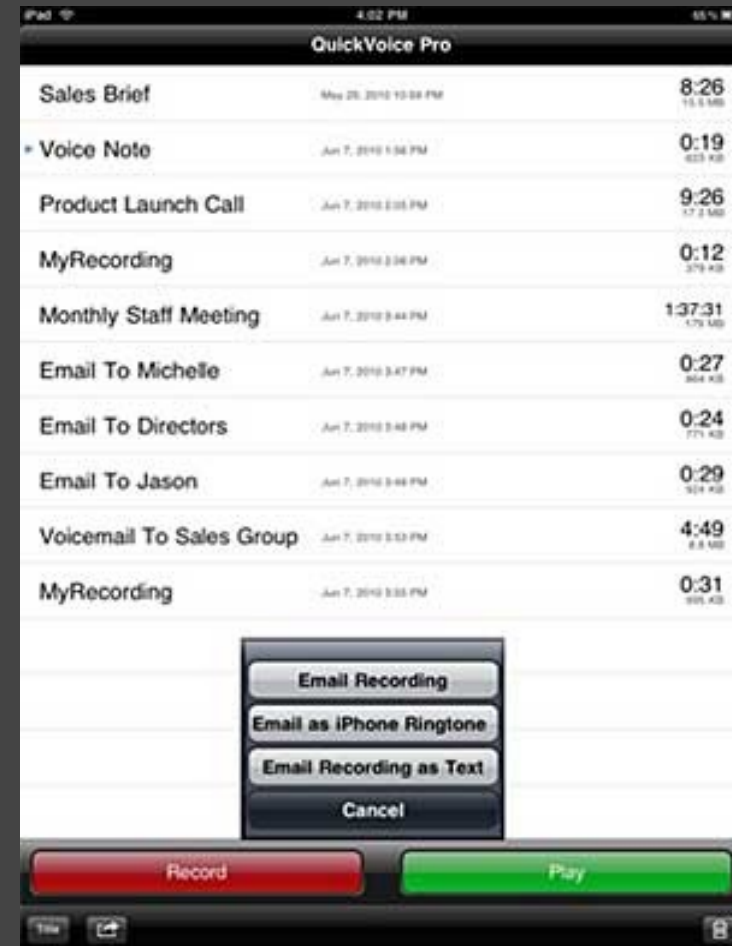
#32 - StoryBuddy

This app is great for children to make their own eBooks and save them.

They can write using their finger straight onto the pages or open a text box and use the onscreen keyboard.

It helps my Reception class to sequence the story that we are reading by thinking what page would come next.

It's a great way to share stories that children make up themselves.

Marc Faulder

33 - Doodle Dino Farm

This app is one we used for PSED. Children look after a farm of dinosaurs, which is popular with a few of the boys in my Reception class. They enjoy watching the dinosaurs grow.

It's a fun app that's quite addictive too. I find myself feeding them at the weekend!

Another pet app I would like to introduce is TouchPets but it requires an internet connection.

Marc Faulder

34 - Talking Tom and Talking Roby

A few of my children have seen these two characters on iPhones at home, so it is great using a resource that parents have in the classroom.

The characters listen to your voice and repeat what you say. You can 'film' the characters speaking and upload it to the internet.

My Reception class has had a lot of fun learning how language works through this app. Most of the class was saying 'You're a silly cat' so that Talking Tom would repeat this, which they found hilarious. What surprised me was that one of my boys realised they should be saying 'I'm a silly cat' so that Talking Tom would repeat that phrase, and the joke had the desired effect.

(Make sure you go into the iPad settings and turn off 'Violence' though)

Marc Faulder

35 - Pirate Jack's Treasure Hunt

This game is a lot of fun! Pirate Jack is in a bit of trouble and needs your help to hunt for treasure. The game begins with a spelling game to rescue Pirate Jack. Once Pirate Jack is free, you explore an island with him and complete 8 tasks that involve numeracy, literacy and science concepts.

It's a little old for my Reception class, but it has a lot of potential with older children. But for now, I'll just play the game at the weekends!

Marc Faulder

# # 36 - Finger Count (fingerCountLt)

A very simple app.

The screen is black.

You touch the screen. Number 1 is spoken and it appears.
You touch the screen again. Number 2 is spoken and it appears.
Then 3... then 4... 5... 6... all the way to 100.

Each number is in a different colour. It's great for learning numbers in sequence, finding numbers on the screen and counting backwards. When you touch a number for the second time, it bursts. If you burst a number that is in the middle of the sequence, the app re-orders all the numbers which follow it so that there are no missing numbers on the screen.
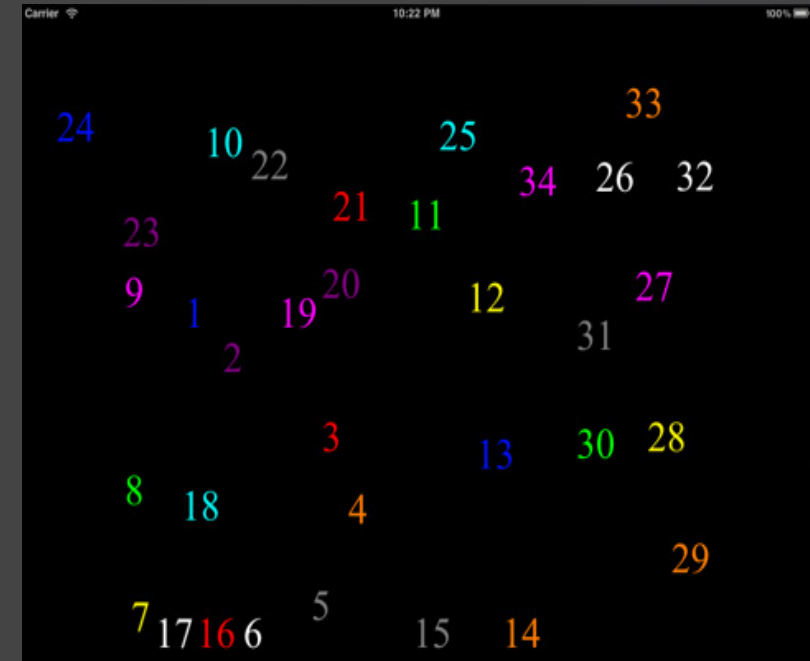
Marc Faulder

37 - IEP Checklist

Free.

Allows you to track all your students with Individualized Educational Plans in one place.

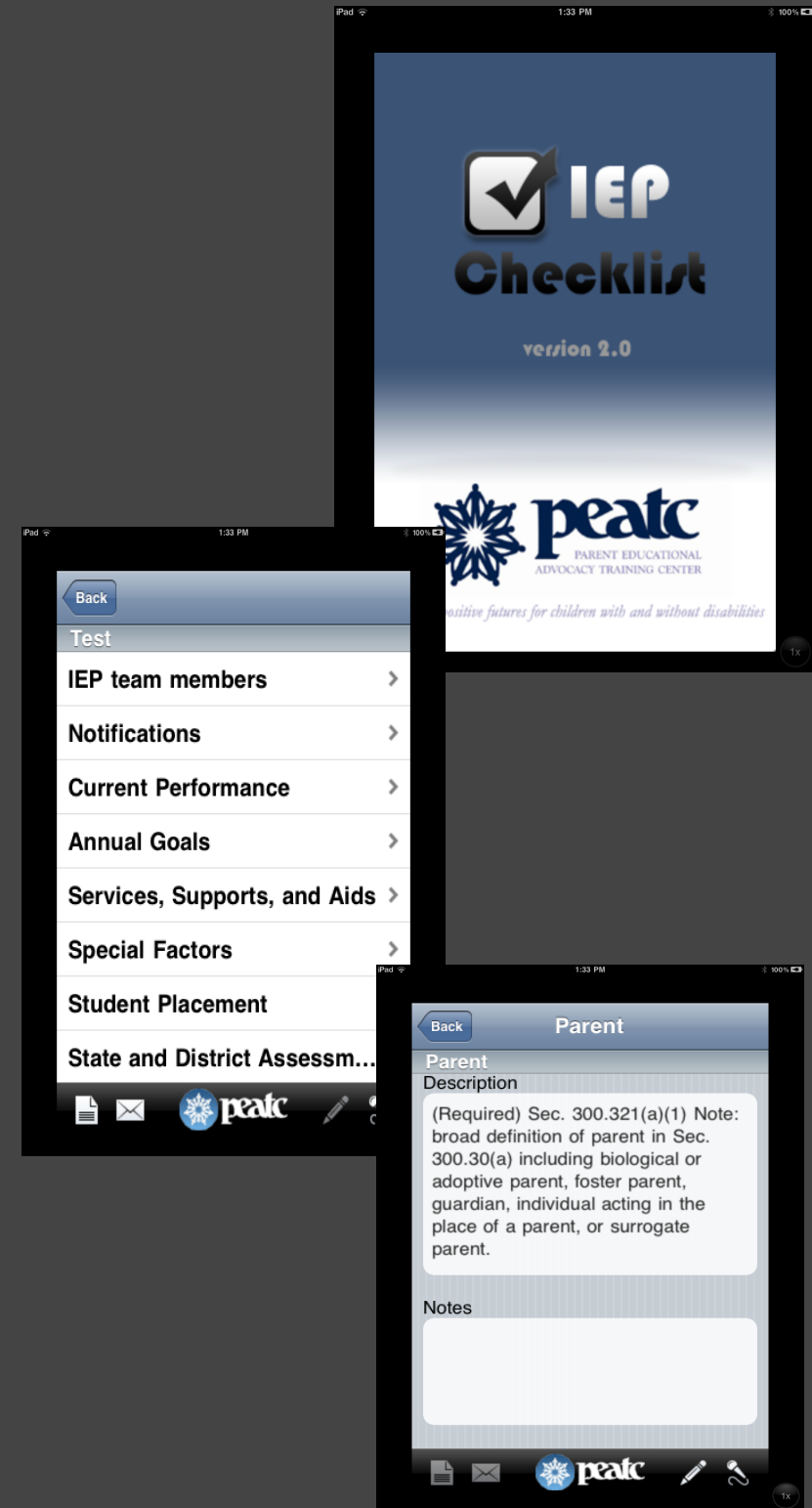Provides the pertinent legality associated with each part of the IEP.

Each section has a place for you to type notes.

Has the capability to record meetings and e-mail sections or the complete record.

Automatic highlighting of each section that has been edited.

(Disclaimer: not every item on the checklist is required by special education regulations)

@ecalhoon

#38 - Using DropBox to get work onto / off the iPads @richardanderson

One of the challenges of using the iPad in a classroom is getting work onto or off the devices without relying on iTunes.

Investigate the use of DropBox for this purpose. A DropBox account will automatically sync files wirelessly from a teacher laptop to a set of iPads using the same account. You could set up a folder in DropBox for each student in the class.

The DropBox website contains a list of iPad apps that support DropBox sharing - there are a huge number of them.

The DropBox iPad application allows sharing of images to the DropBox account, so for apps that don't incorporate DropBox sharing, take a screenshot with the Home/Lock button combination and share that!

#39 - Use Skype to make the iPad a phone

@brandtschneider

I made 15 skype accounts. I have a class set. Students can use the iPads as a walkie-talkie as they travel around the school.

No video but all the other benefits of skype (free phone calls anywhere).

You can also create a skype account to collect voice mails from students (oral reports, field research, etc...).

#40 - Use CIA Factbook for Geography, to promote discussion and understand statistics

A fantastic tool to use in class across year levels.

I have used it primarily in the High school. Interactive world map with data for individual countries. land area, population, GDP, average life expectancy...along with comparative graphs. Fantastic for class discussions; basic geography and cracking harder sociology concepts
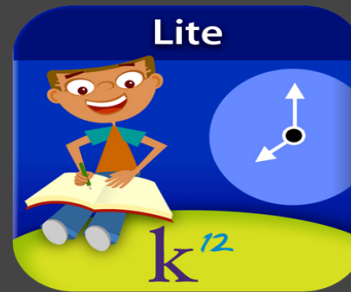
Steve Lang

#41 K12 Timed Reading Practice

A good assessment tool as well as an app for improving literacy skills and fluency

As the child is reading the short, timed stories. the app tracks and gives a 'words per minute 'reading result and also lists the percentile the child is reading above or below his class level . I, however, use it for formative assessment by highlighting words or sounds on my printed copy of the story to work on later with the child.

Link in iTunes
http://itunes.apple.com/us/app/k12-timed-reading-practice/id374985358?mt=8

@lismiss

#42 - Charging, Syncing, and Securing iPads

Whether the issue is theft, storage, or convenience, educators are looking for solutions
regarding the managing of
multiple iPads. There is a variety of related products available in
the form of cabinets and carts.

One of the latest solutions can charge, sync, and secure
multiple iPads simultaneously, making for easy
management. Check out www.iPadcart.info for more
information.

#43 Charging, Synching and Storing Multiple iPads

If purpose built trolleys are too expensive, these $4.50 dish drying racks may be a useful alternative.

@seriata

#44 - Sling note

I absolutely love the app because it's very easy to use. I use it to make mindmaps with my 8 year-old daughter when she has to learn her history-lessons. In landscape-view it's easy to cut out a piece of an webpage and drag it to your notebook. Extra's like magic markers and easily changing colors and sizes of fonts helps making structure in the mind-map or summary.
The result can be exported als pdf of to mail.

Bram Faems

#45 - SoundNote

If you are familiar with the LiveScribe pens and enjoy using an iPad, check out SoundNote.

SoundNote will allow you type notes as well as adding handwritten via your finger or stylus.

Here is a great feature within the app as stated on their website:
"When you're done, share your text, drawings, and audio notes via email, or transfer them directly to your Mac or PC. Audio notes are recorded in standard M4A format: One hour of high quality audio is only 20MB."
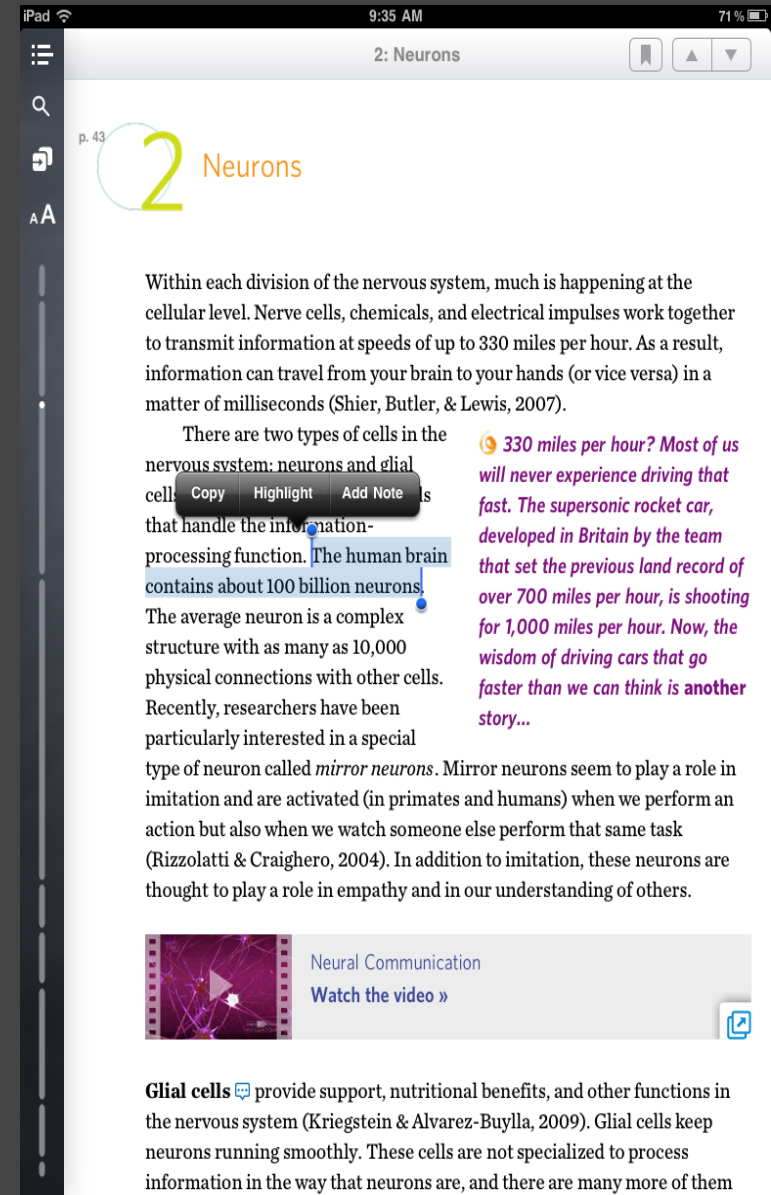
@dmantz7
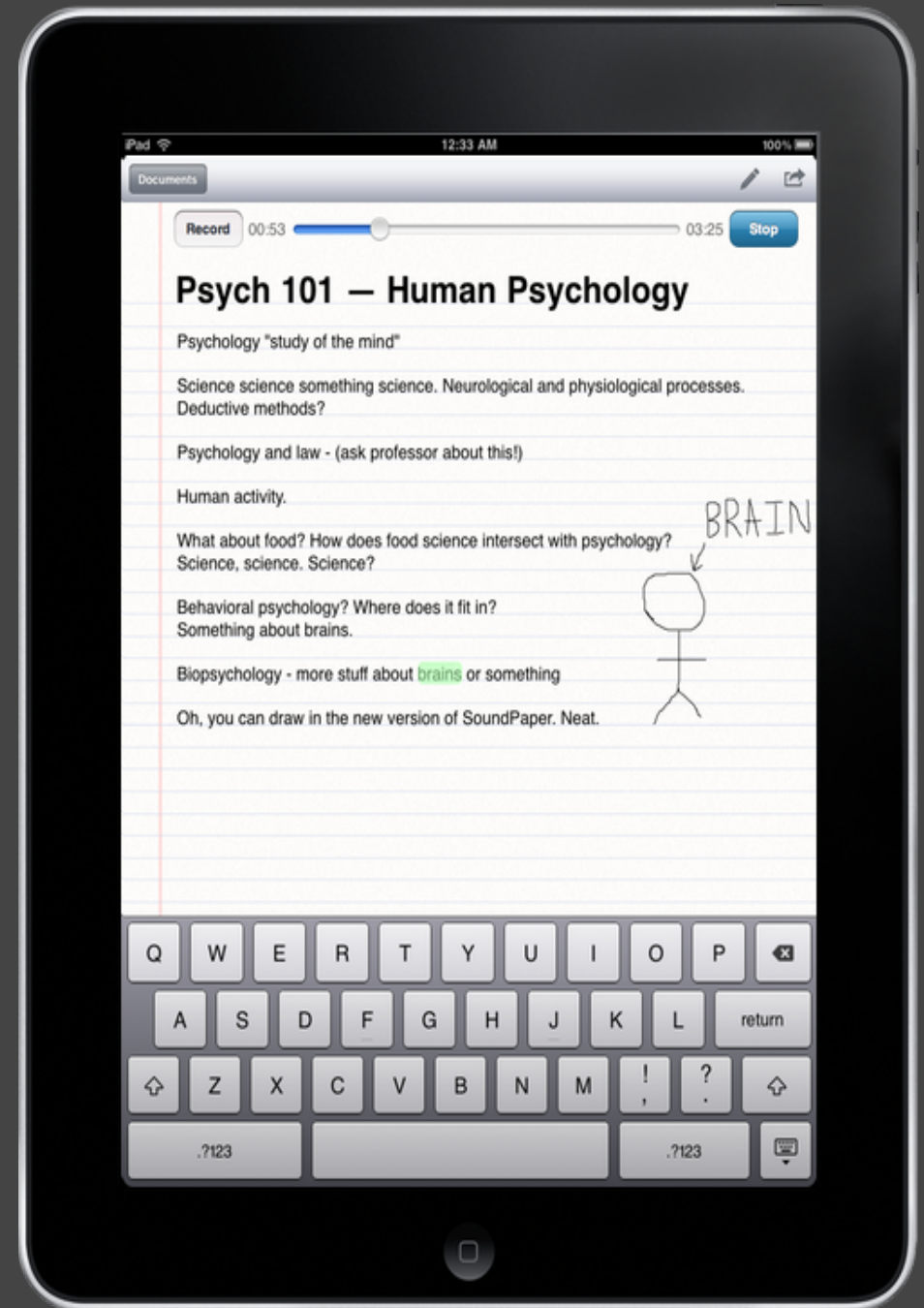
#46 - Use a textbook

Several textbook publishers have offerings on the App Store. Look for platforms that allow bookmarking, notation, and dynamic content. Ideally the textbook material would be available even if the iPad is not connected to the internet.

To the right is Inkling, one popular platform.

@eecastro

#47 - Teleprompter

Are you creating videos and podcasts with your students and need a teleprompter? I have used teleprompter.com on laptops for this purpose but now you can use the iPad for the same purpose.

Mark Richardson has created the "On Air" app to serve as a teleprompter. He has a free version and a Pro version for $1.99.

@dmantz7
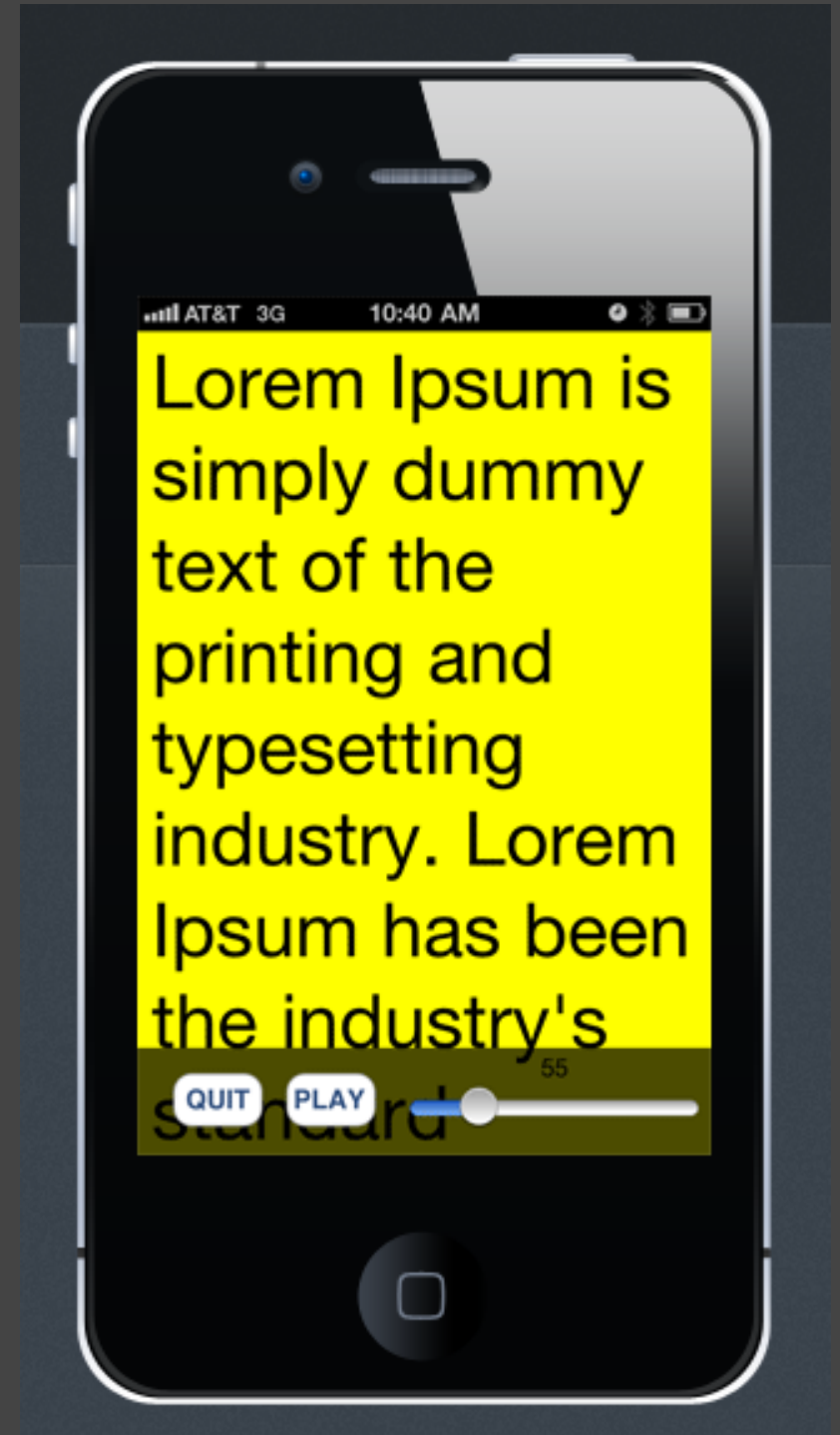
#48 - Create and Collaborate on Google Docs

Now that Google allows mobile editing of Google Docs files from iOS and other mobile devices, student class collaboration can stay portable. No extra apps necessary. The iPad makes a great instructor's monitor on the move. If students don't have a personal iPad, they can work on their docs, spreadsheets and presentations from any web-accessible location

image source: <http://googledocs.blogspot.com/2010/11/editing-your-google-docs-on-go.html>

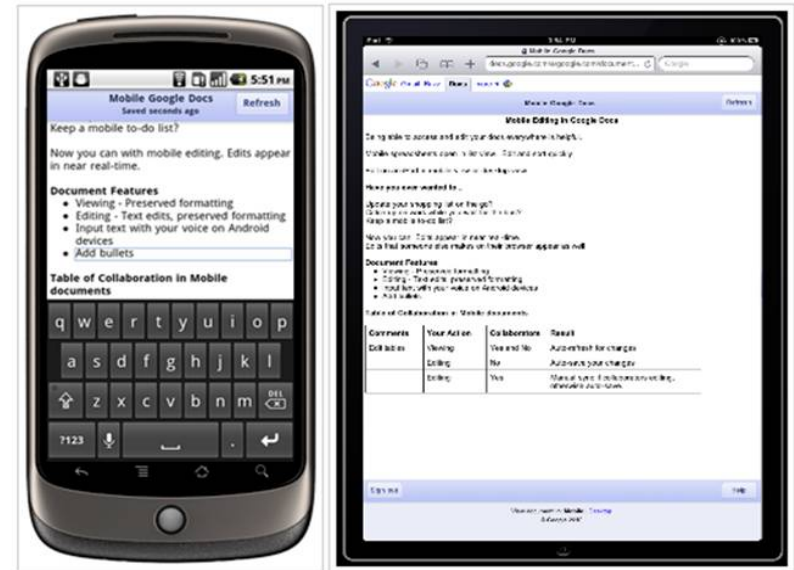http://gizmodo.com/#!5692386/now-you-can-create-and-edit-google-docs-on-ipad-iphone-and-android

@EvolvedTech

#49 - Create Digital Stories

Toontastic is fantastic tool for students to create digital stories that they can share with their peers. http://goo.gl/a7dmb The App provides users step by step the parts of the story from setup to resolution. Students can choose to use the available settings and characters or create their own drawings. With each scene the students record their narration, create actions and add background music. Once the story is complete the students can save to the iPad to edit later or publish online at ToonTube and see stories created by other creative children.

This app runs $2.99 in the iTunes store

Paul Hieronymus
@Hairynomas

#50 - Record Student's Reading: Evernote

Evernote

[Evernote](#) allows you to keep notes, audio and clippings in an online account that you can access anywhere. Find out more [here](#).

[Download](#) the App onto your iPad and computer.

The student reads a text and records it into Evernote using the audio record function. At the end they can listen to what they have read and follow it in their book. Once they have completed this they set 1 goal to work/continue working on. Each audio recording can be tagged with a students name. Once synced these recordings are accessible from any computer through your Evernote account.

@heymilly
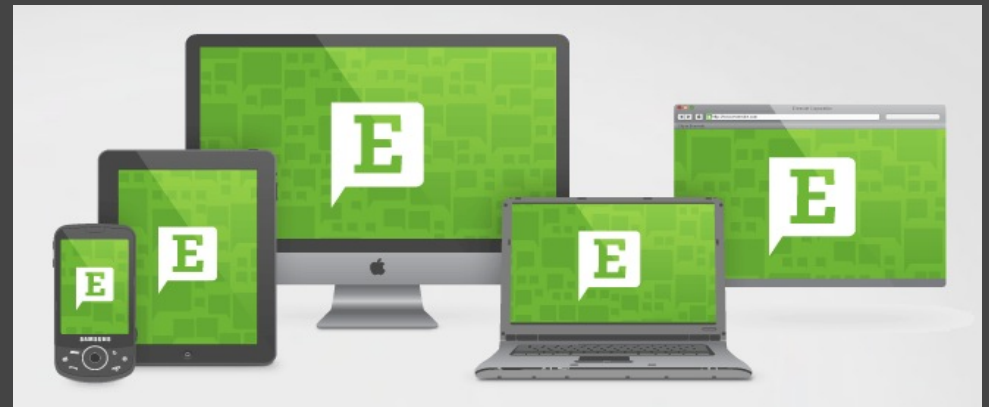
Whiteboard Free

Whiteboard Free allows you to share iPad screens across a number of iPads.

Once you open the app it asks if you want to 'share' your screen. Once you allow this it means that when 1 person write on their iPad it will be seen on the other iPads that it has been shared with.

Great for sharing ideas and keywords during reading times. Also any other time where you want students to work collaboratively to write/share ideas!

Free App!

@heymilly

#52 - Mindmapping / Pinboard

Popplet / Popplet Free

Popplet allows you to mindmap and create pinboards to organise and share your ideas.

You start with a blank board which you can add 'popples' too by double clicking on the board. Inside each popple you can type, add images and draw to share your ideas. Then you can link popples or change their colors to keep ideas together as well.

Great in a range of curriculum areas and very easy for young students to work with as they can draw or write into the popples.

Available as a free version and paid. You can also sign up online to be able to add other people to work on your popplet (this only works online at the moment).

@heymilly

#53 Learn how to Create Vector Graphics
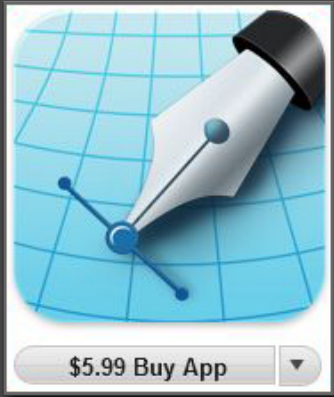
Creating Vector Graphics is made a lot easier with the engagement of the iPad. Inkpad is an example of an extremely easy to use and is very powerful app. It is great for teaching the move into vector graphics and layers.

$5.99 Buy App
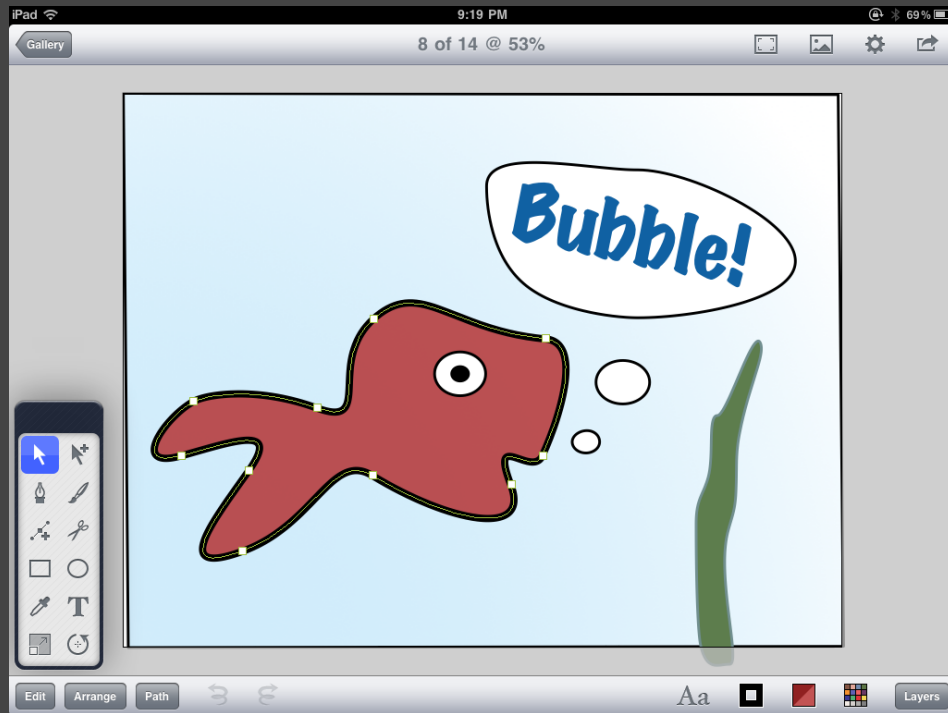
The Inkpad app supports paths, text, images, masks transparencies and layers!!
It is great for all ages and exciting to watch the possibilities of creating graphics from scratch.
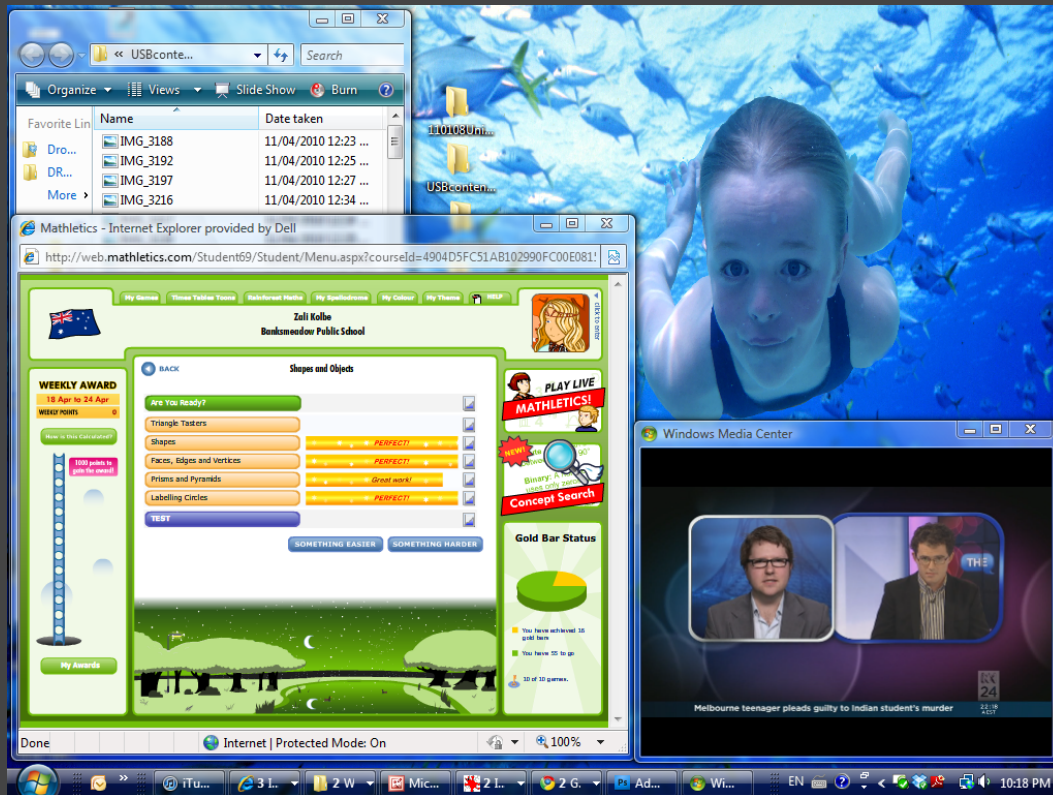
Rolfe Kolbe @rolfek

#54 - Turn your iPad into a portable

Splashtop App: Control your PC or mac with the ipad.
With the Remote Desktop App you are remotely accessing your computer and you your iPad is acting like a touchscreen monitor. You can control the projected screen fully and see it on your iPad. Input via ipad on screen keyboard.
It has a slight lag but it is very impressive. Works when ipad and computer are on the same WiFi network.

$5.99 Buy App

Some Possibilities:
- Flash content on your iPad!
- Watch TV (if you have a TV card on your computer)
- Use all your software programs like photoshop etc
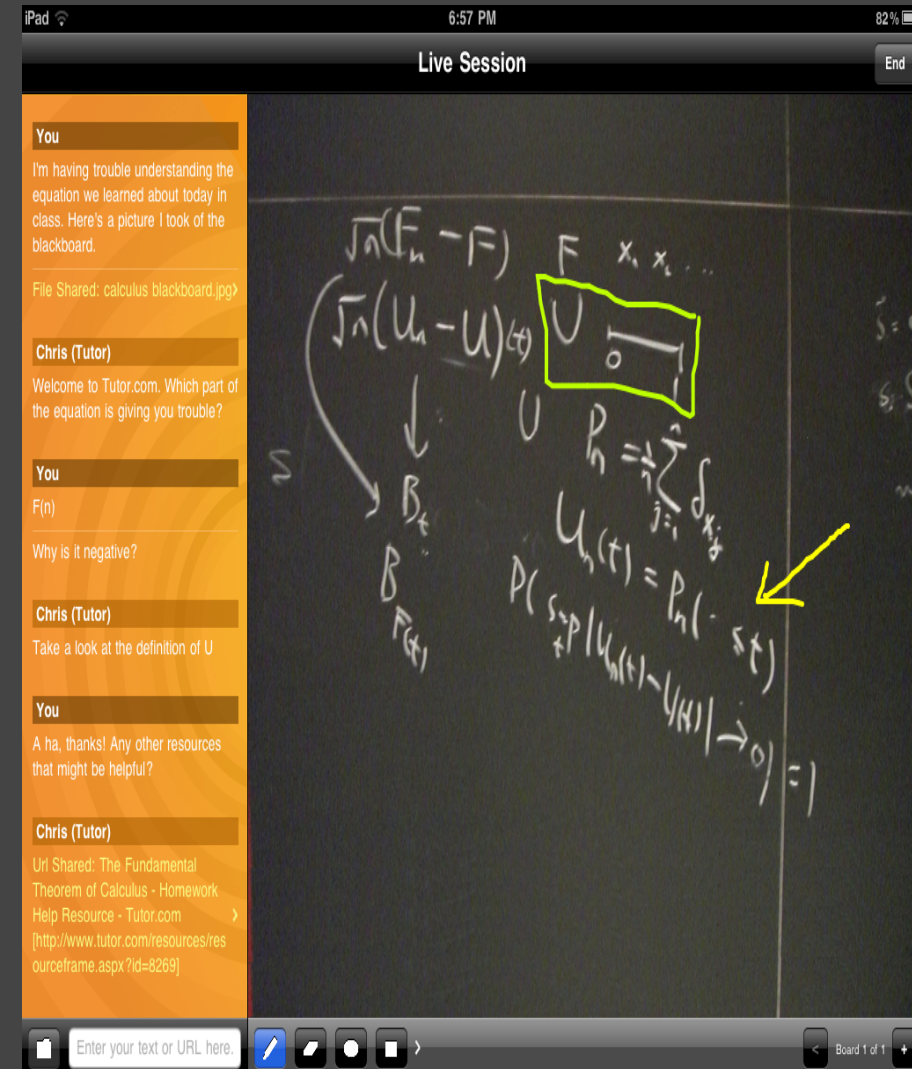- etc etc etc

Rolfe Kolbe @rolfek

#55 - Connect to a Live Tutor

Tutor.com To Go (tutor.com/togo)

Students connect to a live, expert tutor

- Save, review and share sessions with teacher, friend, parent
- Take a picture of your assignment and share it with the tutor
- Use the iPad whiteboard to visualize your work

@tutordotcom

#56 - Use iTranslate to "Speak" Many Languages

When two new non-English speaking students entered my class, we used iTranslate to assist conversation

Later we used this app for learning endeavors.

@lookforsun

#57 - Share ideas from the iPad to the projector via AirSketch Free

AirSketch Free is a whiteboard app that allows you to connect your iPad to your computer via a server address.

Enter your server address into your browser, connect your computer to a projector and then your iPad information will be shown on the projector.

@heymilly

58 Tangram App

"New game for IPad! Simple as it is, tangram is an all-inclusive toy that has a history of one thousand years. Come and unlock the puzzle of "Super Tangram HD ". After finding the answer to 200 different puzzles, you can get the medal and achieve the honor of a tangram master. Action!"
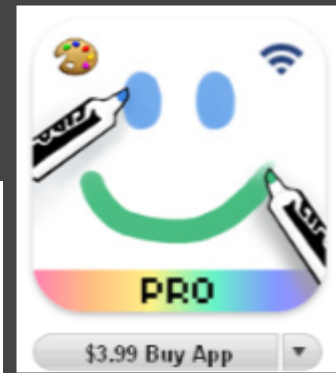

Animal Dionysia Medal

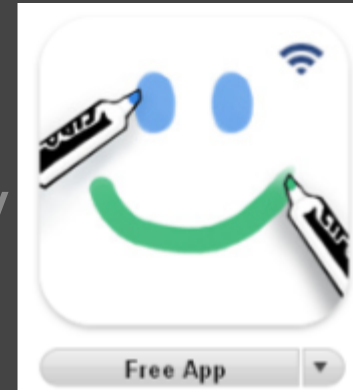33 red riddles solved. Won the "Animal Dionysia Medal".

Tangrams "help students develop mathematical concepts of fractions, spatial awareness, geometry, area, and perimeter" (Rigdon, D., et al., 2000, p. 304.305).

This is a peaceful, independent or small group math activity. @lookforsun

59 Whiteboard Lite/Pro: Collaborative Drawing

Students can draw on the screen as they normally would a whiteboard to demonstrate their understanding.
Students can insert images and play barrier games by following instructions to identify what they can see. Great for practicing positional language, colours etc
They can connect via bluetooth and play with a partner on another device so that one students actions are mimicked on the other. One gives the instructions and the other follows.
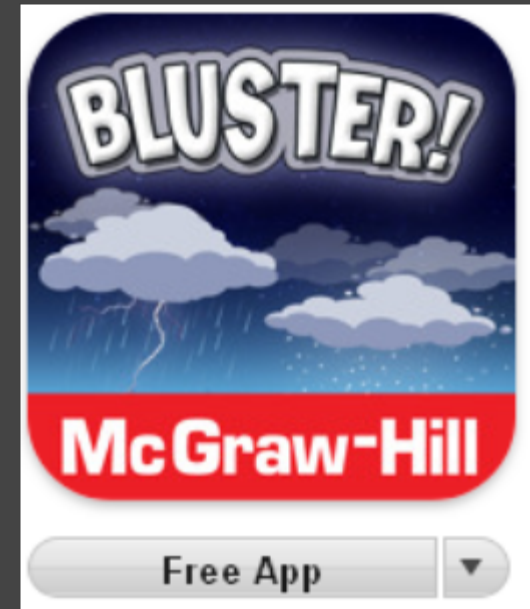
Juliette Pantaleo
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Angelina Pantaleo
@APantaleo

http://itunes.apple.com/us/app/whiteboard-pro-collaborative/id321986541?mt=8

$3.99 Buy App

Free App

60 Bluster

A great game that helps build vocabulary by matching rhyming words, prefixes and suffixes, synonyms, homophones, adjectives and more. You can play on your own, with a team or against a friend. It allows you to choose between grade 2,3 or 4. It's lots of fun!

http://itunes.apple.
com/au/app/bluster/id416160693?
mt=8

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Angelina
Pantaleo
@APantaleo

61 Emoji Free

These emoticons will download to your iPad and can be added as an international keyboard through the settings. Students can use these to make creative stories and express their ideas with images. Have other students decode picture messages.

I like to eat 🍰

👀 can't 👂 you

http://itunes.apple.com/au/app/emoji-free/id332509635?mt=8
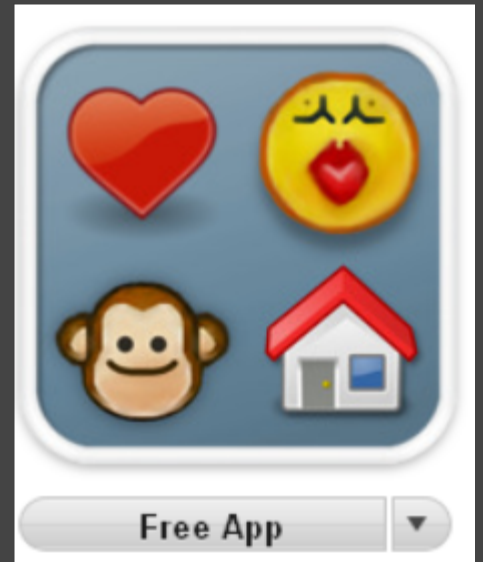
Juliette Pantaleo
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Angelina Pantaleo
@APantaleo

#63 Stick Pick by Buzz Garwood (sixth grade teacher in the Corona-Norco Unified School District)

"Stick Pick is an iPhone / iPod Touch / iPad "teacher tool" application that allows you to randomly (or intentionally) draw a student's name from an on-screen can of popsicle sticks -- but that's just the beginning. You determine the mode and level of difficulty for each learner, and then, every time that student's stick is drawn, you'll be shown over a dozen Bloom's-style question stems -- uniquely tied to your learner's individual ability level!"

http://itunes.apple.com/us/app/stick-pick/id436682059?mt=8&ls=1

@vbek

62 Sliceit

This app is fantastic for mathematical problem solving. The challenge is to slice the shape into the required number of equal sizes using a certain number of moves. The levels increase in difficulty. Great to reinforce fractions and working mathematically.

http://itunes.apple.com/au/app/slice-it/id388116298?mt=8

Juliette Pantaleo
@jpilearn
Angelina Pantaleo
@APantaleo

$1.19 Buy App

If you would like to:

- Contribute your ideas and tips to the presentation.
- Let me know how you have used the resource.
- Get in touch.
  You can email me or I am @tombarrett on Twitter

If you add a tip (or even if you don't) please tweet about it and the link so more people can contribute.

I have created a page for all of the **Interesting Ways** presentations on my blog. The whole family in one place :-)
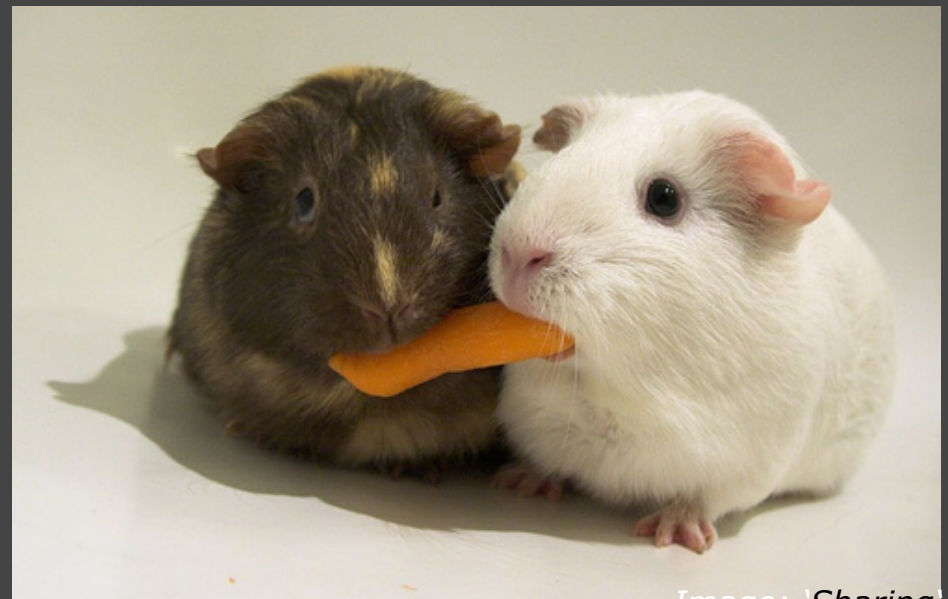
Image: 'Sharing'

Thanks for helping
Tom Barrett

Have you seen The Curriculum Catalyst yet?