



# **Learning and Growing: Exploring Apps for the Classroom and Transition**

**Liz Persaud and Martha Rust**

With contributions by: Carolyn Phillips and Ben Jacobs

[www.gatfl.gatech.edu](http://www.gatfl.gatech.edu)

April 22, 2014  
3:00 PM EST

[www.amacusg.org](http://www.amacusg.org)



# This Session is being Recorded

- You will be able to access the archive of this and other webinars at [www.gatfl.gatech.edu](http://www.gatfl.gatech.edu)

# Credits

- **CEUs** are approved for .10 clock hours and are administered through Georgia Tech Professional Education
- **CRCs** have been requested and are awaiting approval by the Commission on Rehabilitation Counselor Certification
  - To receive your verification form, send an e-mail with the webinar title and date, your full name, organization, city, state, e-mail address and date of birth to [Liz.Persaud@gatfl.gatech.edu](mailto:Liz.Persaud@gatfl.gatech.edu)

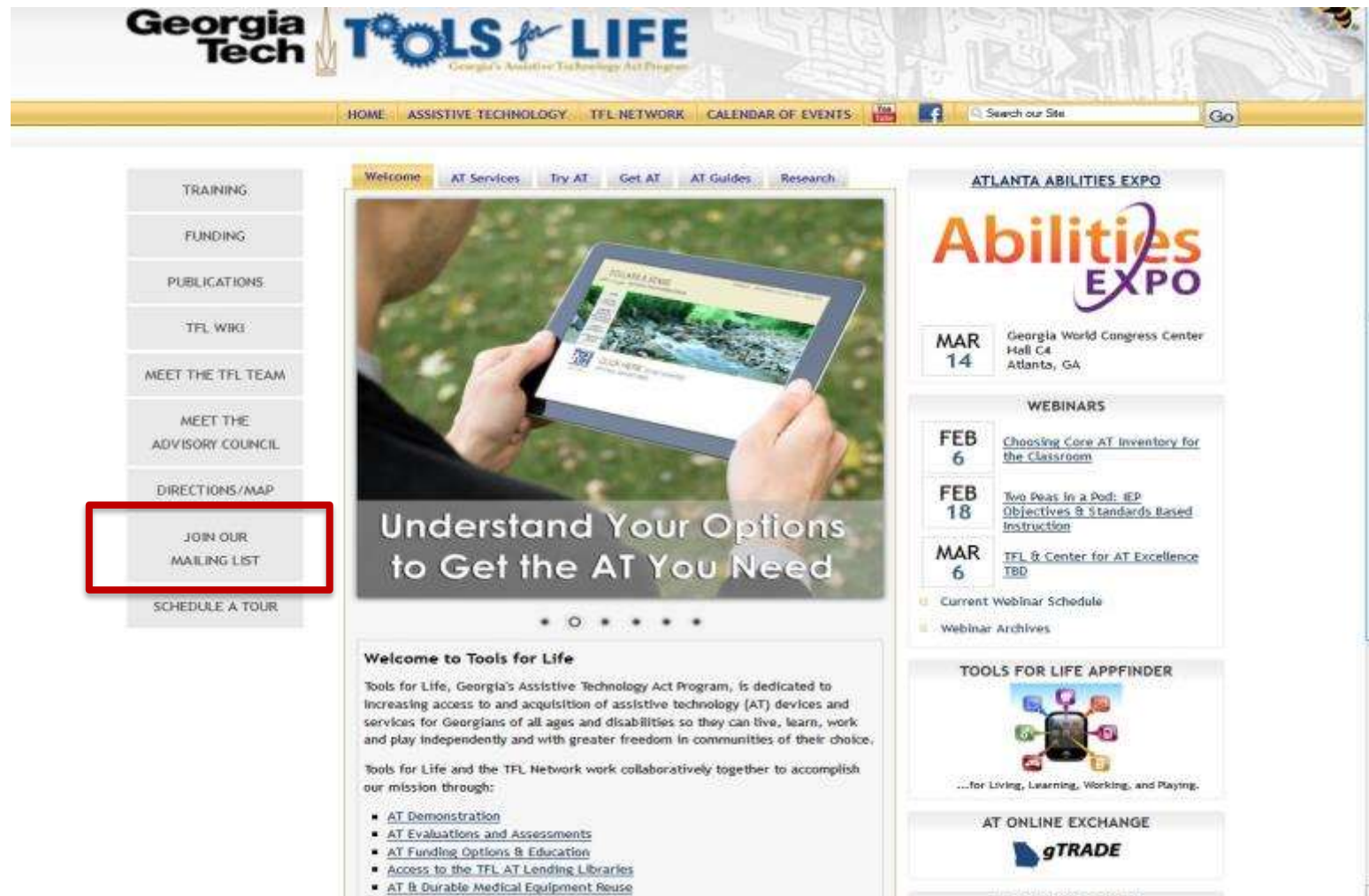
# Webinar Evaluation

At the end of today's webinar, we ask that you please take a moment to complete our survey:

<https://www.research.net/s/TFLwebinar>

# Join Our Mailing List

Visit [www.gatfl.gatech.edu](http://www.gatfl.gatech.edu) for the full schedule and to sign up for the TFL mailing list to receive our email announcements.



The screenshot shows the Georgia Tech Tools for Life website. The header includes the Georgia Tech logo and the 'TOOLS for LIFE' logo. A navigation bar contains links for HOME, ASSISTIVE TECHNOLOGY, TFL NETWORK, and CALENDAR OF EVENTS. A search bar is also present. On the left, a sidebar menu lists various resources, with 'JOIN OUR MAILING LIST' highlighted by a red rectangle. The main content area features a large image of a person using a tablet, with the text 'Understand Your Options to Get the AT You Need'. Below this, a 'Welcome to Tools for Life' section describes the program's mission and lists services such as AT Demonstration, AT Evaluations and Assessments, AT Funding Options & Education, Access to the TFL AT Lending Libraries, and AT & Durable Medical Equipment Reuse. On the right, there are sections for the ATLANTA ABILITIES EXPO (March 14), WEBINARS (February 6 and 18, and March 6), TOOLS FOR LIFE APPFINDER, and AT ONLINE EXCHANGE (gTRADE).

**Georgia Tech TOOLS for LIFE**  
Georgia's Assistive Technology Act Program

HOME ASSISTIVE TECHNOLOGY TFL NETWORK CALENDAR OF EVENTS

Search our Site Go

TRAINING  
FUNDING  
PUBLICATIONS  
TFL WIKI  
MEET THE TFL TEAM  
MEET THE ADVISORY COUNCIL  
DIRECTIONS/MAP  
**JOIN OUR MAILING LIST**  
SCHEDULE A TOUR

Welcome AT Services Try AT Get AT AT Guides Research


**Understand Your Options to Get the AT You Need**


**Welcome to Tools for Life**  
Tools for Life, Georgia's Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work and play independently and with greater freedom in communities of their choice.  
Tools for Life and the TFL Network work collaboratively together to accomplish our mission through:  

- AT Demonstration
- AT Evaluations and Assessments
- AT Funding Options & Education
- Access to the TFL AT Lending Libraries
- AT & Durable Medical Equipment Reuse

**ATLANTA ABILITIES EXPO**  
**Abilities EXPO**  
MAR 14 Georgia World Congress Center Hall C4 Atlanta, GA

**WEBINARS**  
FEB 6 [Choosing Core AT Inventory for the Classroom](#)  
FEB 18 [Two Peas in a Pod: IEP Objectives & Standards Based Instruction](#)  
MAR 6 [TFL & Center for AT Excellence TBD](#)  
[Current Webinar Schedule](#)  
[Webinar Archives](#)

**TOOLS FOR LIFE APPFINDER**  
  
...for Living, Learning, Working, and Playing.

**AT ONLINE EXCHANGE**  




# **IDEAS Conference**

St. Simons Island @ Epworth by the Sea

- Pre-conference June 2 & 3
- Conference June 3 - 6, 2014
- Exhibit Hall – Thursday June 5
- More Info at [www.gatfl.gatech.edu](http://www.gatfl.gatech.edu)
- Registration is live!



# Accessibility Made Smart

AMAC creates practical solutions that work, with a focus on utility, ease of use, and high quality.

- **Accessibility Consulting** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and website accessibility solutions.
- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics only using cutting-edge technology.
- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.
- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.
- **Certified Assistive Technology team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.
- For more information, please visit our website at [www.amacusg.org](http://www.amacusg.org)



# Tools for Life Mission

We're here to help Georgians with disabilities gain access to and acquisition of assistive technology devices and assistive technology services so they can live, learn, work, and play independently in the communities of their choice.





# **Tools for Life**

## **Georgia's Federal AT Act Program**



- TFL developed Georgia's Plan for AT
- We serve individuals of all ages & all disabilities in Georgia
  - Over 50,000 thru various activities throughout the year
- TFL Network
  - Assistive Technology Resource Centers
  - Lending Libraries
  - Training and Demonstrations
  - AT Reuse
  - AT Funding Education/Assistance and Resources
- Online Resources
  - [www.gatfl.org](http://www.gatfl.org) - 12,000 unique visitors a month

# Tools for Life Network



AT Lending Library  
AT Evaluations &  
Training  
AT Demos  
Resource and  
Assistance  
AT Funding Assistance  
AT & DME Reuse

# Come Visit Us!

HOME ASSISTIVE TECHNOLOGY TFL NETWORK CALENDAR OF EVENTS   Search our Site  Go

TRAINING

FUNDING

PUBLICATIONS

TFL WIKI

MEET THE TFL TEAM

MEET THE ADVISORY COUNCIL


DIRECTIONS/MAP

JOIN OUR MAILING LIST

**SCHEDULE A TOUR**

Welcome AT Services Try AT Get AT AT Guides Research

## Find Your AT Solutions



○ ● ● ● ● ●

### Welcome to Tools for Life

Tools for Life, Georgia's Assistive Technology Act Program, is dedicated to increasing access to and acquisition of assistive technology (AT) devices and services for Georgians of all ages and disabilities so they can live, learn, work and play independently and with greater freedom in communities of their choice.

### ATLANTA ABILITIES EXPO

## Abilities EXPO

**MAR 14** Georgia World Congress Center Hall C4 Atlanta, GA

### WEBINARS


**FEB 6** [Choosing Core AT Inventory for the Classroom](#)

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- Current Webinar Schedule
- Webinar Archives

### TOOLS FOR LIFE APPFINDER



...for Living, Learning, Working, and Playing.

# TFL AppFinder

**Search by:**

✓ **App Name**

✓ **Categories**

- Book
- Education
- Environmental Adaptations
- Hearing
- Cognition, Learning, Developmental
- Navigation
- Personal Care and Safety
- Productivity
- Communication
- Therapeutic Aids
- Vision



# LET'S EXPLORE OUR FAVORITE APPS!

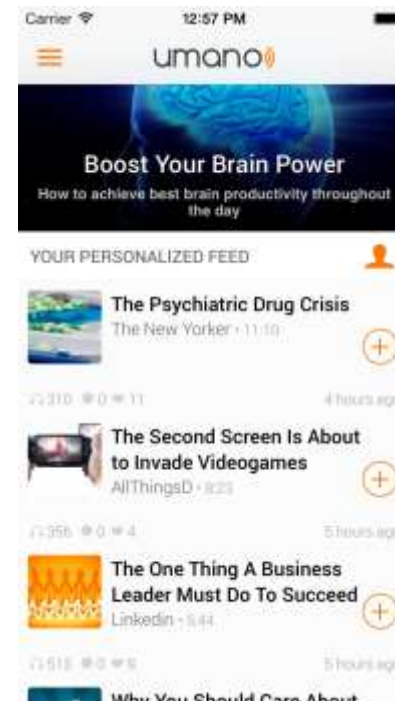


# Reading



# Umano

- News read to you by real people
- Make a playlist of articles
- Download to listen to offline
- Upgrade to premium for \$3.99/month
- Free

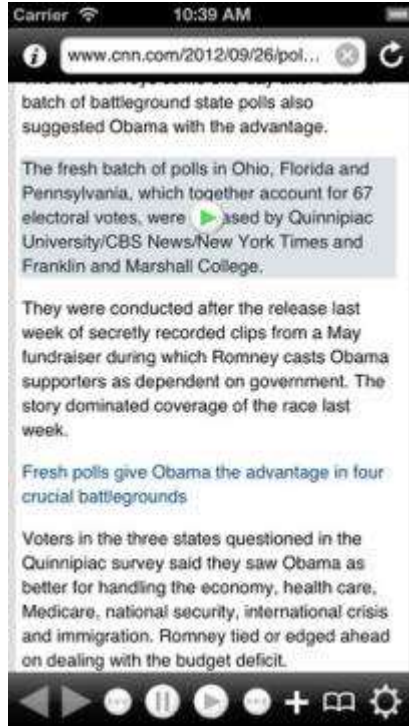




# WebReader



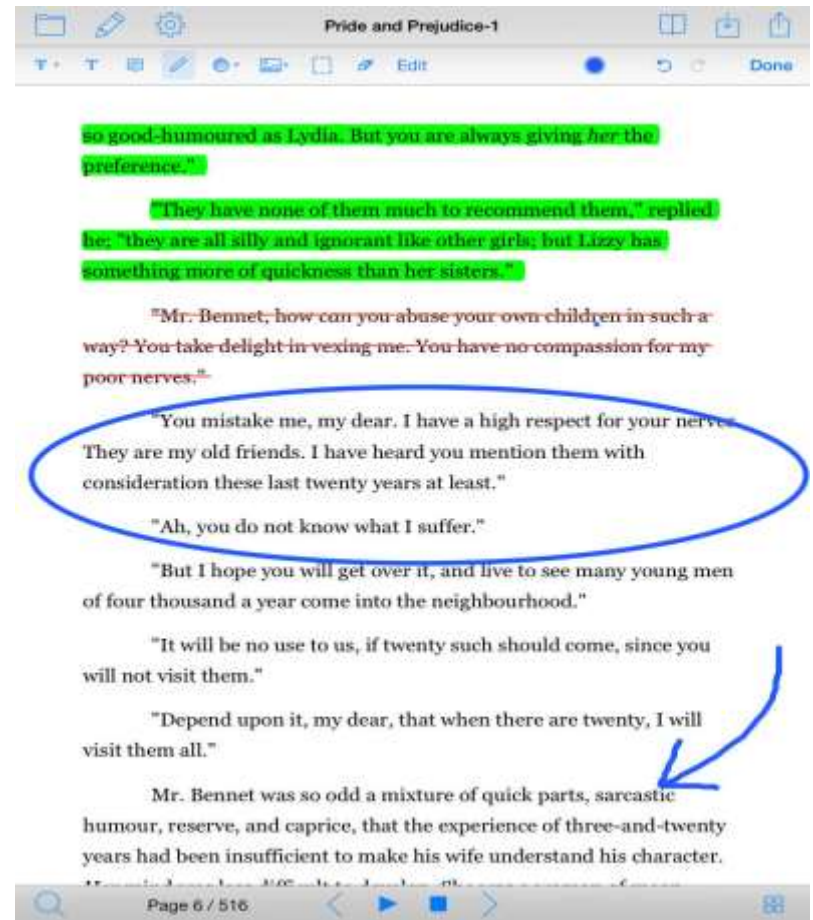
- Text to speech technology for reading web page content
- Web pages can be read as soon as they are loaded or use Cut, Copy, & Paste to read only sections of webpage
- Highlights as it reads text
- Speaking rate control available
- \$1.99



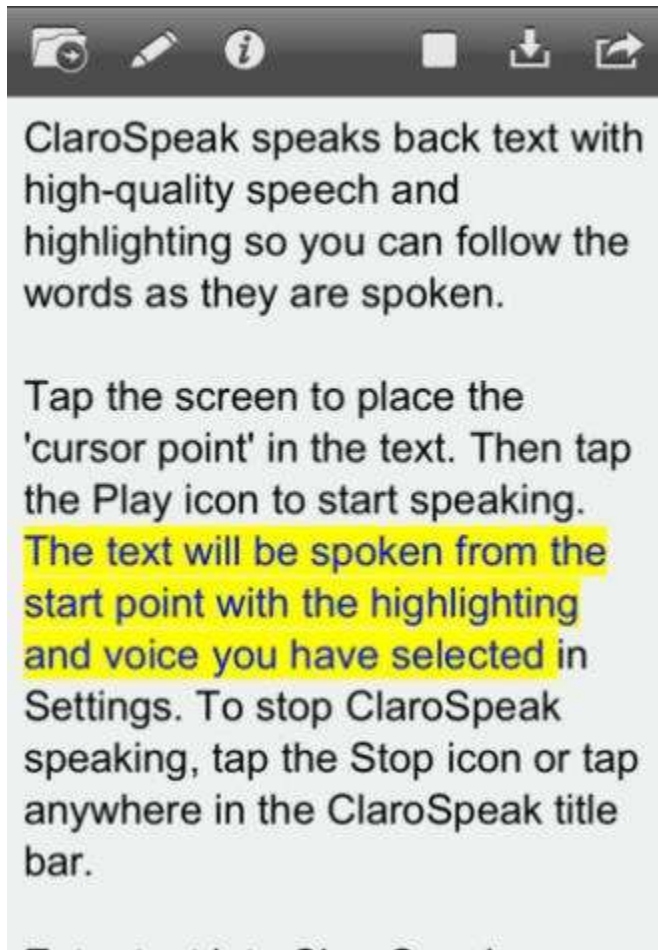
# ClaroPDF



- Accessible Pro PDF Reader and Viewer with text to speech (TTS) and annotations
- Read with human quality voices
  - 40 different voices
- Can change background color
- Supports VoiceOver
- .99



# ClaroSpeak US



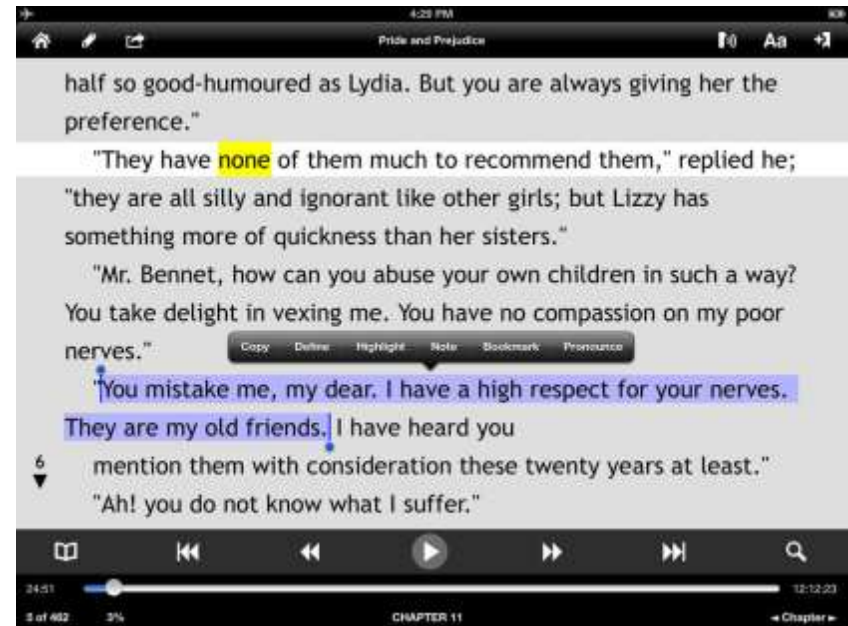
- Text-to-Speech
  - import documents and PDFs into ClaroSpeak from apps such as Mail, or import PDF, Word, Pages and other files directly from Dropbox using
- Change font and color
- Save text as an audio file
- Visual Tracking
- Send Text

# Voice Dream



- Text to Speech
- Highlights as it reads
- Import
  - Bookshare
  - Dropbox
  - Gutenberg
  - Word Doc
  - PDFs
- Buy different voices
- Change rate of speed

- Download for later reading
- \$9.99



# OCR Apps

## Say Text



- Free!
- Uses the built in camera to scan documents
- Uses voice over to read back aloud
- Store and email documents
- Does take practice for the perfect picture

## Perfect OCR



- \$3.99
- Uses the built in camera to scan documents
- Edit, copy, store, email documents
- Upload to online storage is as Evernote
- Does take practice for picture

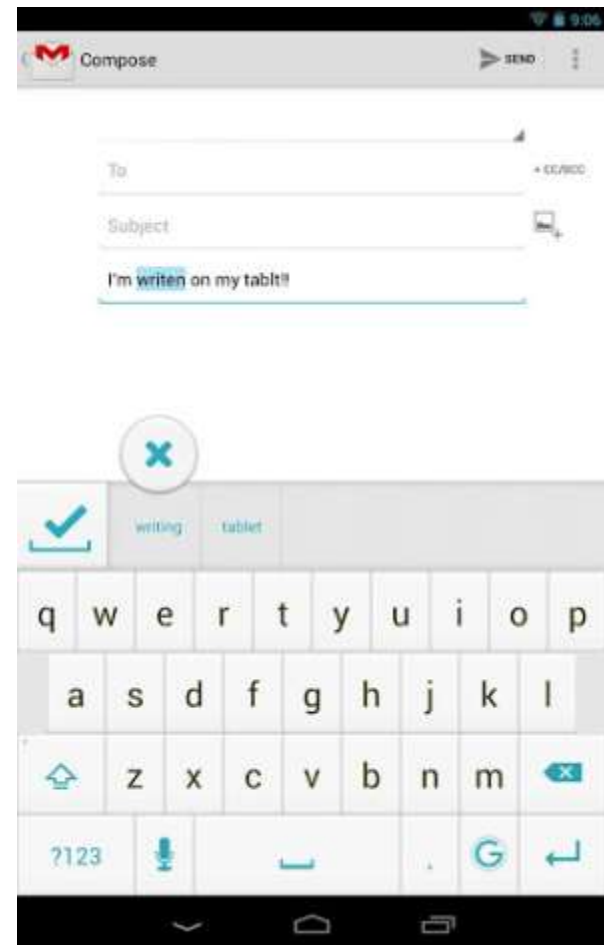


# Writing

# Ginger App

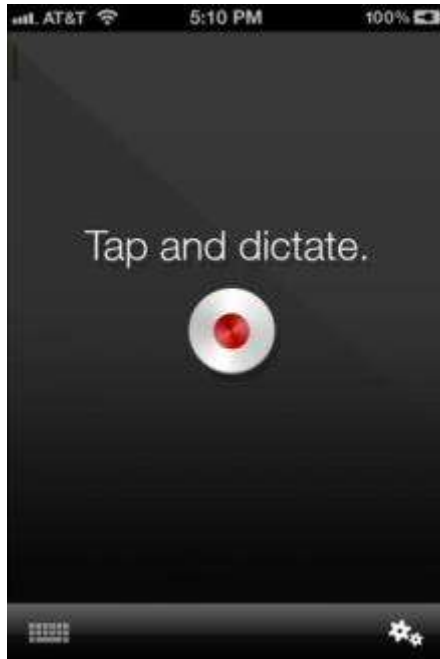


- Free
- Grammar and Spell checker
- Personal Assistant
- Use it to correct text messages, Whatsapp messages, Gmail and Outlook emails, and even social media apps such as Facebook





# Dragon Dictation



Hi John call me when you get this e-mail. I'm running a little bit late.



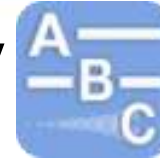
- Voice Recognition
- Free
- Dictate notes, emails, Twitter, and Facebook
- Supports many languages
- Cut, Copy, Paste
- Android
  - Dragon Go!
  - Dragon Hands Free Assistant

# Catch Notes

- Free
- Capture ideas instantly with voice, photo, and text notes
- Use online AND offline on your mobile phone or tablet
- Share checklists to collaborate on to-do lists
- Set reminders



# Brevity



- Word Completion App
- Automatically add words if not in list
- Remembers how often you use words and offers the most frequently chosen options to you first
- E-mail Support - Send e-mails from directly within the application
- Remove misspelled or unwanted words
- Set prediction font size and window transparency
- .99



# Story Patch



- Create your own picture book
- Hundreds of included images
- Ability to import pictures
- Easy to use
- \$2.99



# Sentence Builder



- Simple and intuitive interface to build sentences
- 100 distinct pictures to build sentences around
- 3 Levels of play
- 60 encouragement animations and audio clips
- Optional correct sentence audio re-enforcement
- Statistics to track students progress
- \$5.99

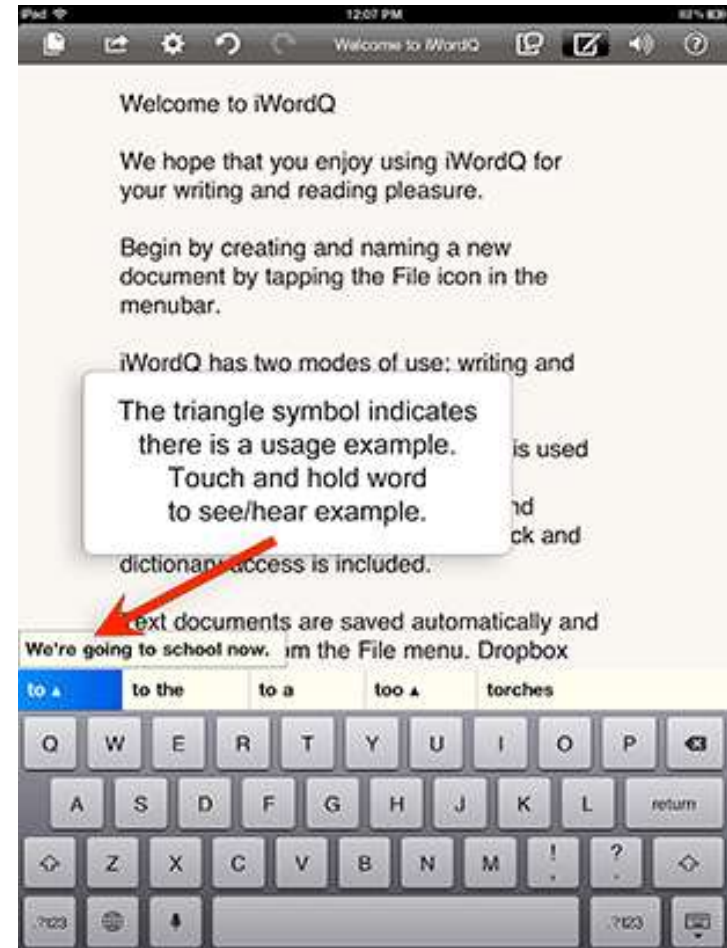




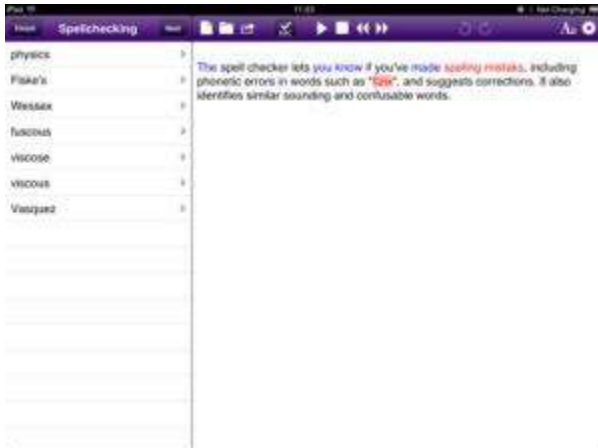
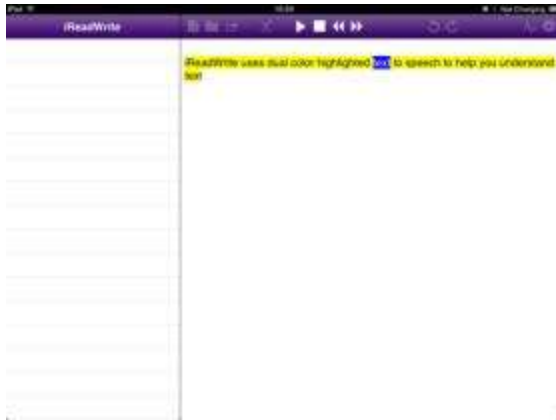
# iWordQ



- App version of Word Q software
- Not available with SpeechQ right now
- In context word prediction
- Dictionary
- Text-to-Speech
- Dropbox
- Saves documents
- \$24.99



# iWriteRead



- \$19.99
- No internet needed to use
- Text-to-speech
- Word Prediction
- Phonetic Spell Checker
- Homophone and Confusables Checker
- Dictionary
- Picture Dictionary
- Customizable Background and Text Colors
- Choice of Voices and Fonts
- Importing and Sharing documents

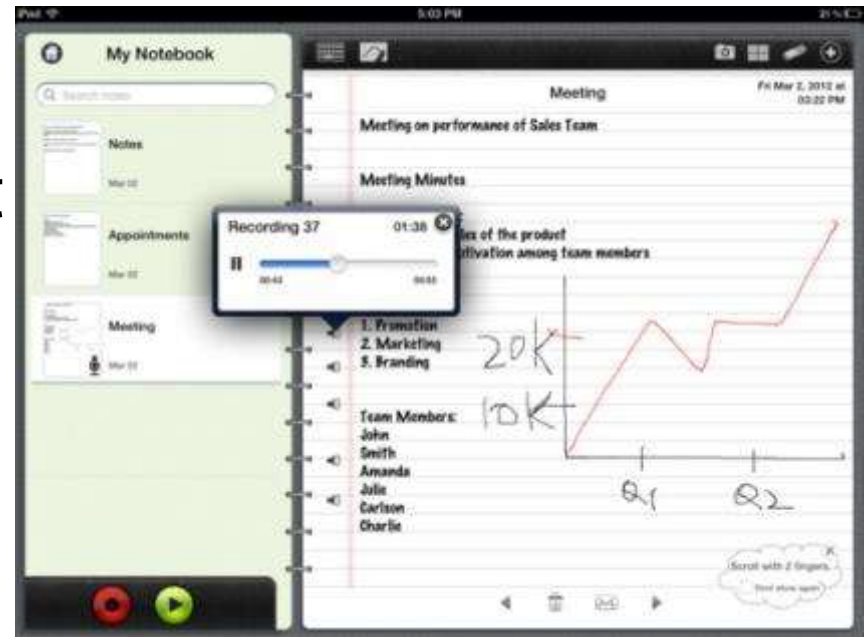


# Organization

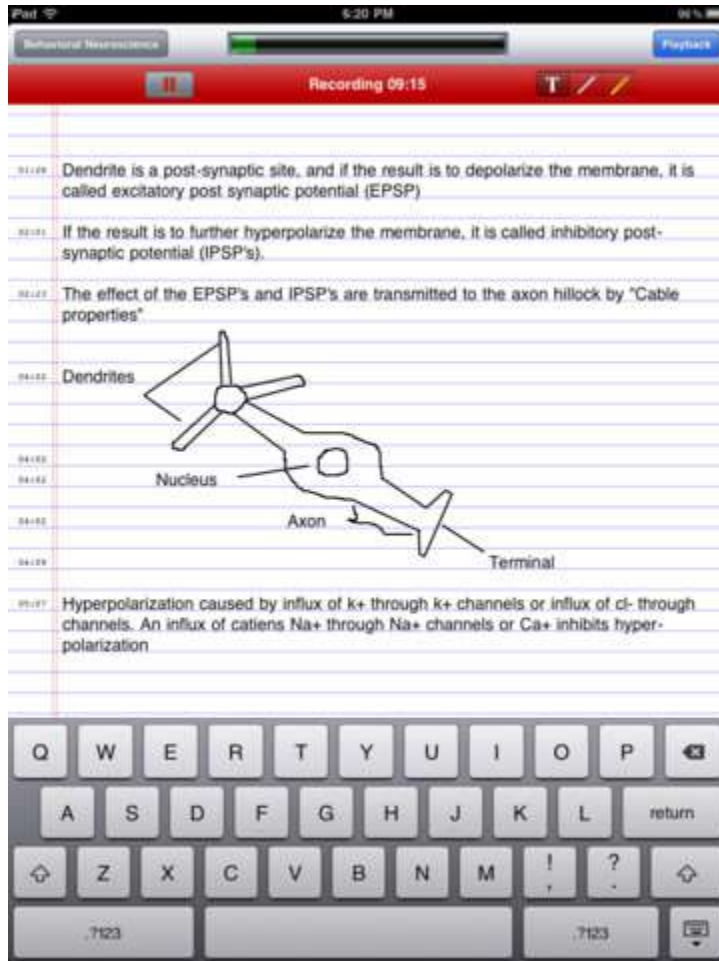
# Voice Pad



- Record lectures
- Tag the audio with notes
- Tap the audio tag next to the note to recall exactly what was said during which a specific note was taken
- Free



# AudioNote



- Records your notes, meetings or lectures
- Can take notes by typing, stylus, or drawing
- Time stamps so you can go directly to where you want to hear
- Highlights notes when read back
- \$4.99

# Reminders

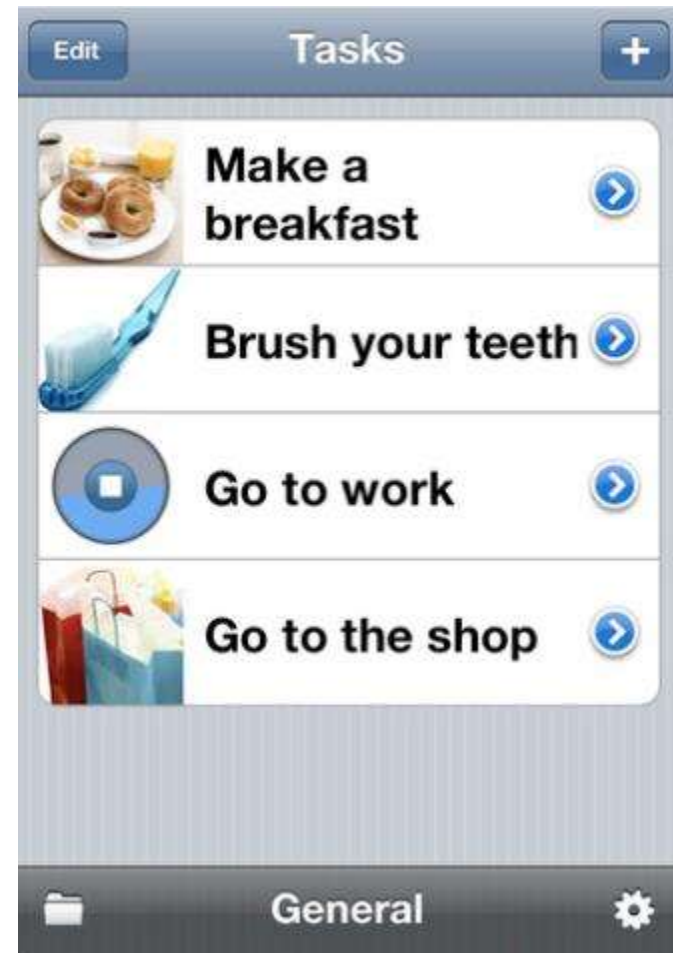


- Built-in App
- Works with VoiceOver
- GPS
- Organize your reminders
- Siri if have iPhone 4s or higher

# Picture Scheduler



- Create visual tasks with attached audio, video or picture
- Tasks can have alarms
- Alarms can be repeated daily, weekly, monthly or you can select specific weekdays
- Tasks can be organized into categories with a picture
- Can hide task and reveal later



# Bump



- Use Bump™ to share contact information and photos by simply bumping two phones together.
- Just open Bump, hold your phones, and gently bump your hands together
- **Free!**

# Wunderlist



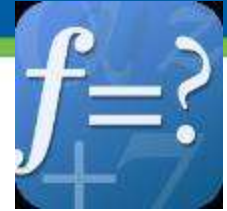
- List management
- Create recurring to-dos
- Create subtasks
- Set due dates
- Reminders
- Notifications
- Cloud sync
- Email directly
- Generate unique and safe passwords
- Collaborate with anyone
- Access on all devices including web
- Free web version
- App is \$12/year
- <https://www.wunderlist.com/en/>



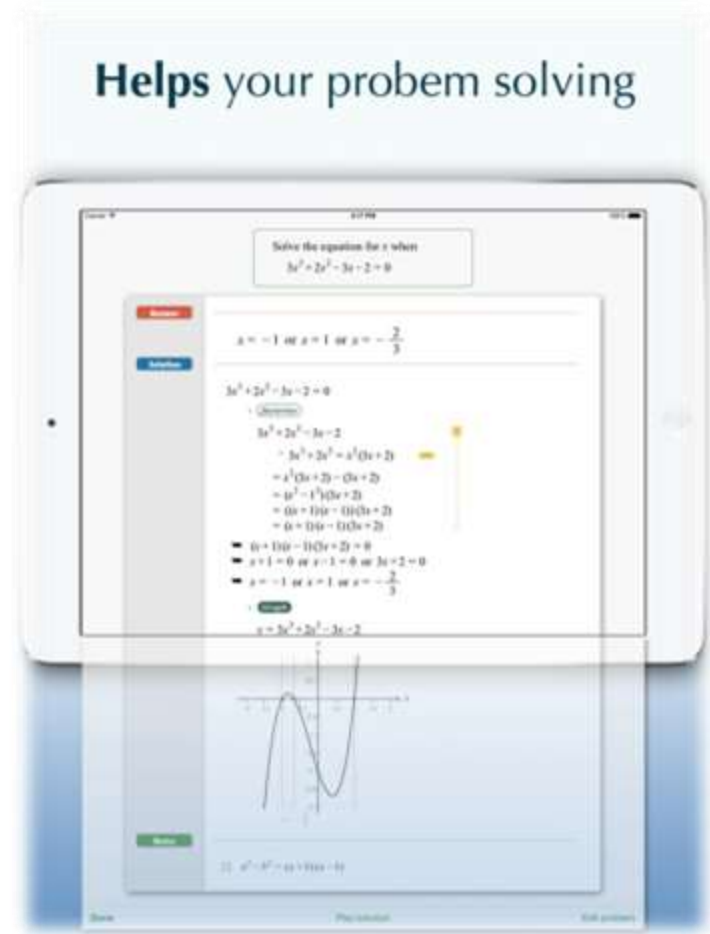


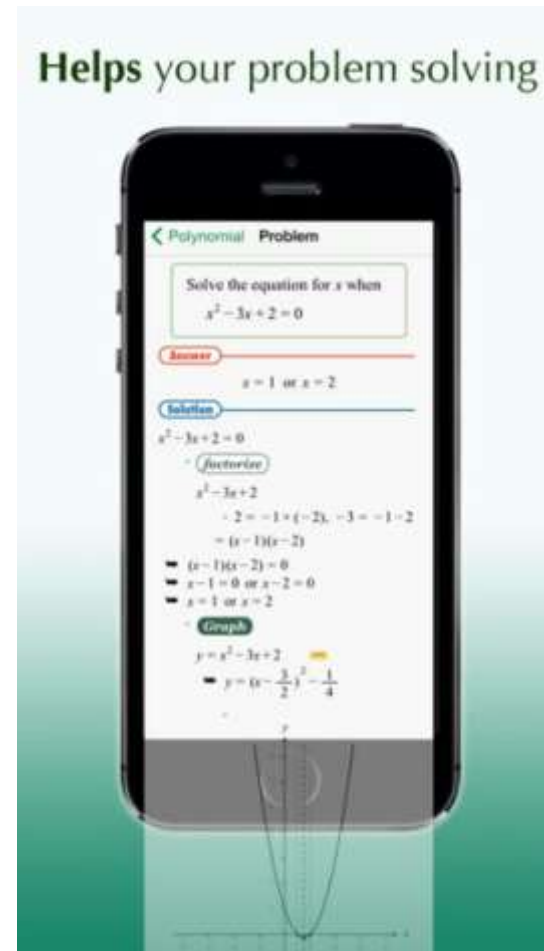
# Math Apps

# FX Math Solver

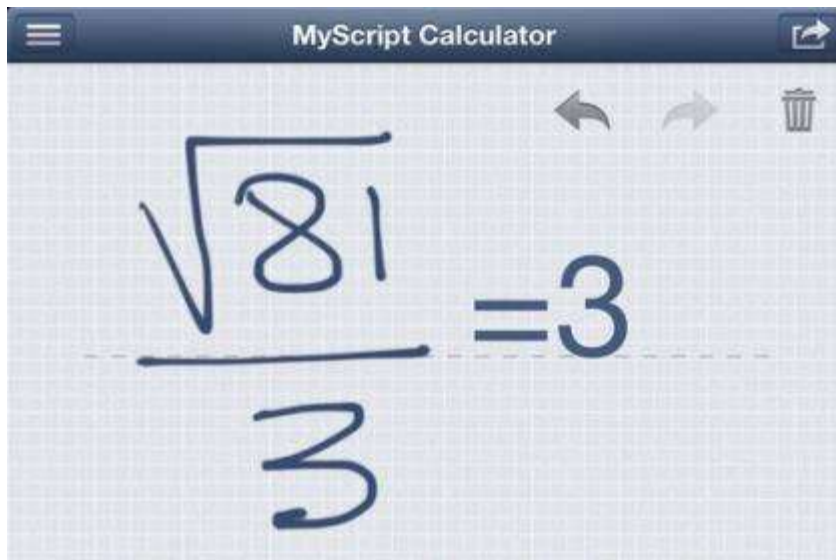


- Over 1,500 sample math problems and fully animated solution steps
- Scientific calculator supported
- Graphing calculator supported
- Automatic problem solving and generation of fully animated step-by-step procedures for problems typed in by users





# MyScript Calculator



- Use your handwriting to write any arithmetic formula
- Write and calculate mathematical expressions in with no keyboard
- Scratch-out gestures to easily delete symbols and numbers
- Portrait and landscape operation
- Redo and undo functions

# Talking Calculators

## Simple Talking Calculator



- Can do percentages
- Square-root
- Square and Cube
- Big buttons



## Talking Calculator HD



- Hear numbers on the screen
- Works for someone who may have a vision loss



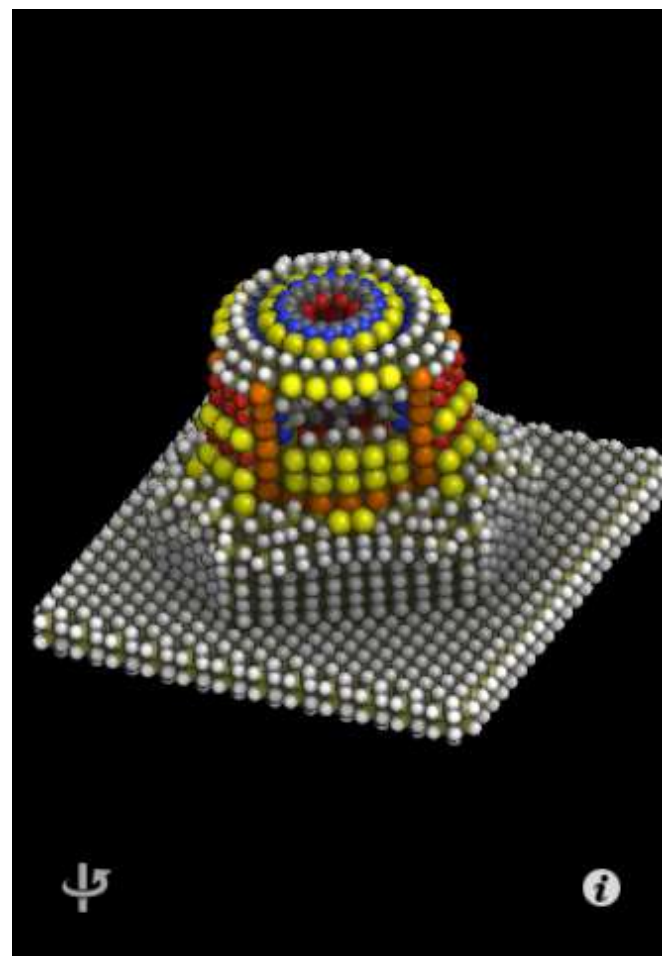
# Science Apps



# Molecules



- View three-dimensional renderings of molecules and manipulating them using your fingers
- Rotate the molecules by moving your finger across the display
- New molecules can be downloaded from either the RCSB Protein Data Bank
- Free



# Periodic Table!



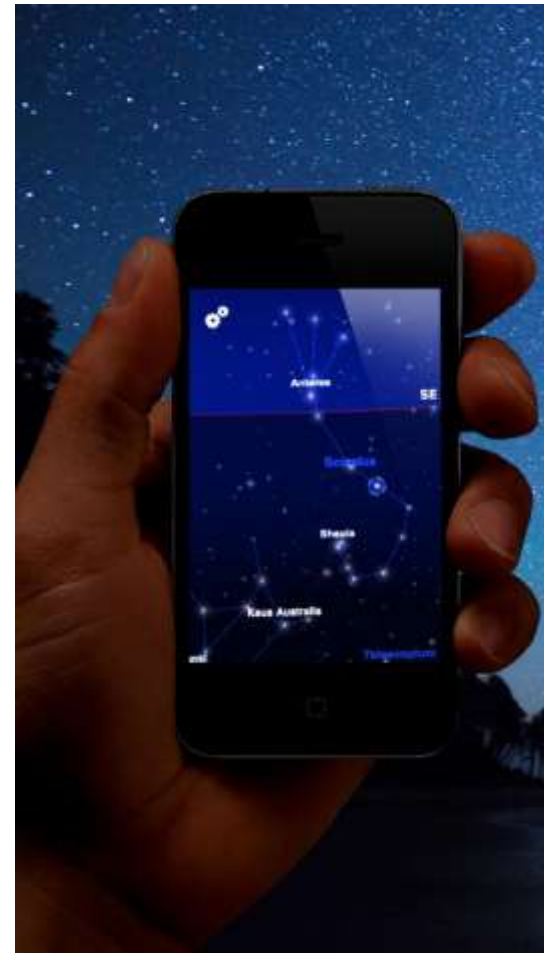

| Periodic Table  |  |
|-----------------|--|
| Actinium(Ac) >  | 6 7 8 9 10 11 12 13 14 15 16 17 18   |
| Aluminium(Al) > | 2 He   |
| Americium(Am) > | 5 B 6 C 7 N 8 O 9 F 10 Ne  |
| Antimony(Sb) >  | 13 Al 14 Si 15 P 16 S 17 Cl 18 Ar  |
| Argon(Ar) >     | 24 Cr 25 Mn 26 Fe 27 Co 28 Ni 29 Cu 30 Zn 31 Ga 32 Ge 33 As 34 Se 35 Br 36 Kr            |
| Arsenic(As) >   | 42 Mo 43 Tc 44 Ru 45 Rh 46 Pd 47 Ag 48 Cd 49 In 50 Sn 51 Sb 52 Te 53 I 54 Xe             |
| Astatine(At) >  | 74 W 75 Re 76 Os 77 Ir 78 Pt 79 Au 80 Hg 81 Tl 82 Pb 83 Bi 84 Po 85 At 86 Rn             |
| Barium(Ba) >    | 106 Sq 107 Bh 108 Hs 109 Mt 110 Ds 111 Rg 112 Cn 113 Uut 114 Uup 115 Uuq 116 Uus 117 Uuo |
| Berkelium(Bk) > | 59 Pr 60 Nd 61 Pm 62 Sm 63 Eu 64 Gd 65 Tb 66 Dy 67 Ho 68 Er 69 Tm 70 Yb 71 Lu            |
| Beryllium(Be) > | 91 Pa 92 U 93 Np 94 Pu 95 Am 96 Cm 97 Bk 98 Cf 99 Es 100 Fm 101 Md 102 No 103 Lr         |
| Bismuth(Bi) >   |  |
| Bohrium(Bh) >   |  |
| Boron(B) >      |  |
| Bromine(Br) >   |  |

- You can pinch zoom and select each element to view their properties
- Swipe with two fingers to view next element details, in details screen
- Touch drag on individual element to view Quick details
- Free

# Starlight- Mobile Planetarium



- Point your iPhone like a magic lens into the night sky, and see in real time what stars, planets, and constellations hover above
- Over 100,000 stars from the Hipparcos database
- All 88 western constellations.
- Planets of the solar system
- .99



# Piiig Labs



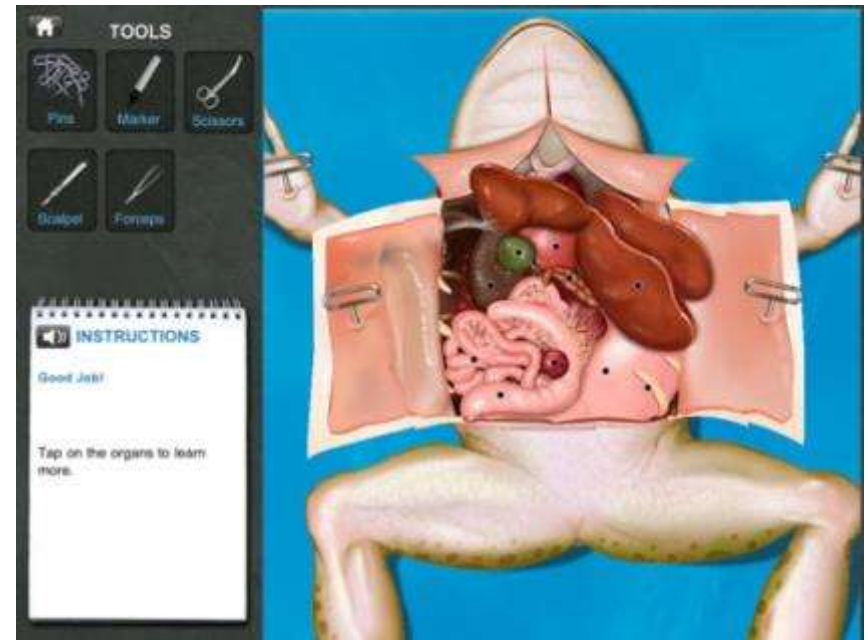
- Budding scientists
- 8 interactive kits with assembly parts
- Build a light bulb circuit and turn it on/off
- Put together a radio and tune to 5 different stations
- Themes: electricity, circuits, chemical reaction, color mixing, radio frequency, vortex, sound, and more
- \$3.99



# Frog Dissection



- Dissecting a virtual specimen
- Step by step instructions with voice over
- Accurate simulation of the wet lab dissection procedure
- Comprehensive information on frogs' organs
- \$3.99

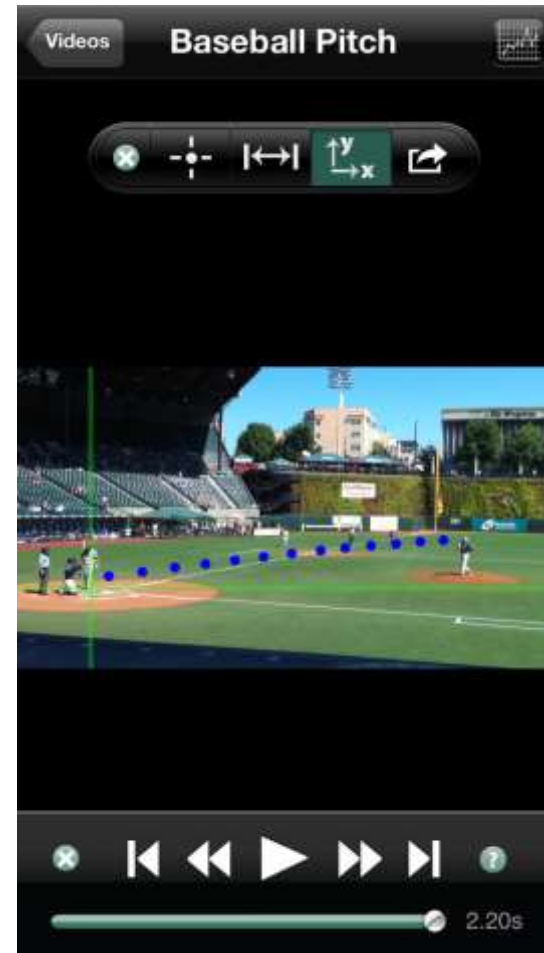




# Vernier Video Physics

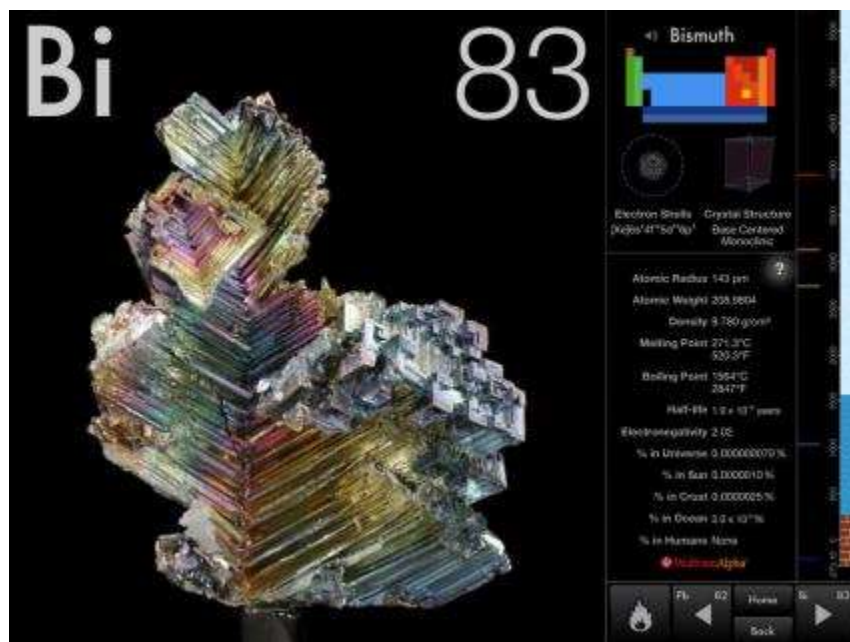


- Take a video of an object in motion
- Mark its position frame by frame
- Set up the scale using a known distance
- Video Physics then draws trajectory, position, and velocity graphs for the object
- \$4.99





# The Elements: A Visual Exploration



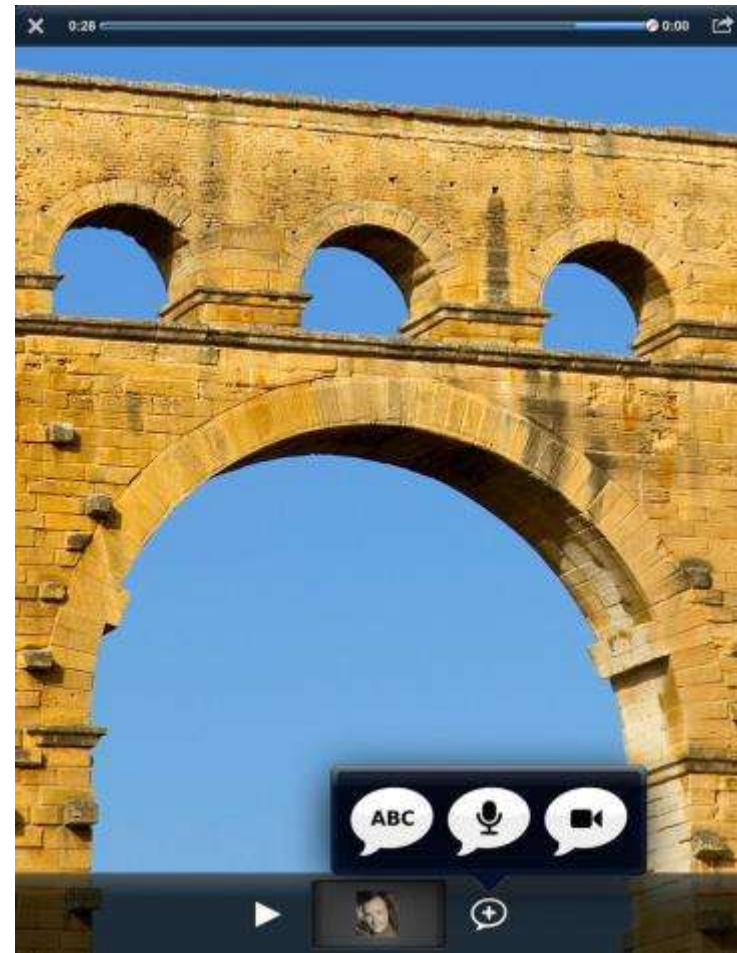
- Based on the internationally best-selling hard cover edition of The Elements by Theodore Gray, Popular Science Magazine's Gray Matter columnist
- Every element is shown with a smoothly rotating sample
- column of facts and figures, each of which can be tapped to bring up rich detail and current information through the embedded Wolfram|Alpha computational knowledge engine
- \$13.99

# Presentation

# Voice Thread



- Create and share dynamic conversations around documents, snapshots, diagrams and videos
- Talk, type, and draw right on the screen
- Add images and videos from your camera or photo library.
- Flip through pages and annotate them while you narrate.
- Free



# Prezi



- 15 templates with different styles and structures
- Change layouts to fit your content
- Add new frames to extend your presentation
- Insert images from the web, your own library, or take a photo
- Save your prezi from the app, it will be accessible online.
- Present from your iPad
- Free

# Fotobabble

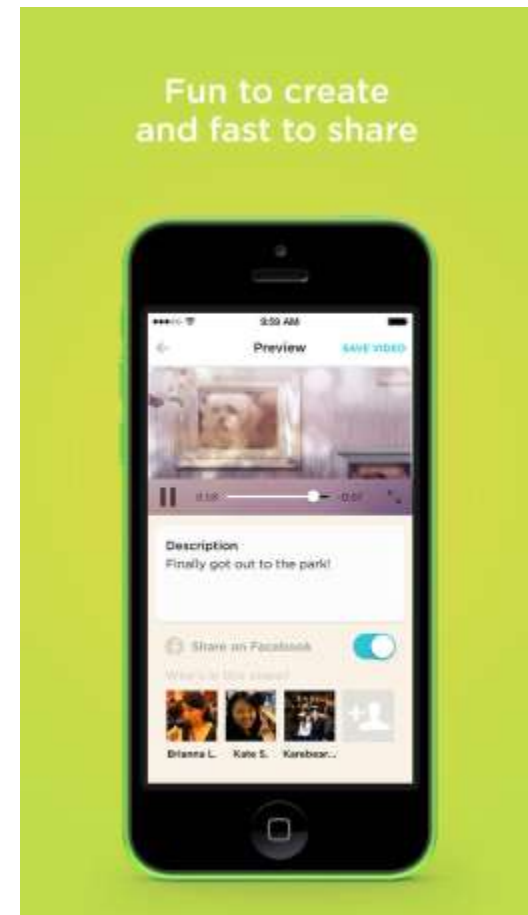


- Talking photos
- Snap or select a photo
- Speak into your microphone to record your voice and/or enhance your photo with visual effects
- Share with friends
- Free



# Animoto Video Maker

- Over 50 different video styles to choose from
- Hundreds of songs in built-in music library
- Caption your photos, trim your video clips, and create title cards
- Free

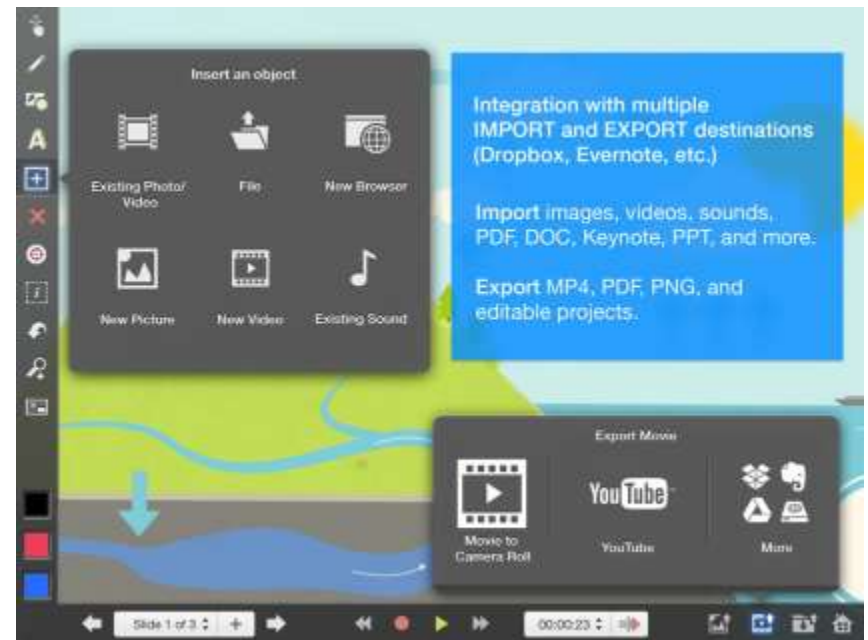




# Explain Everything



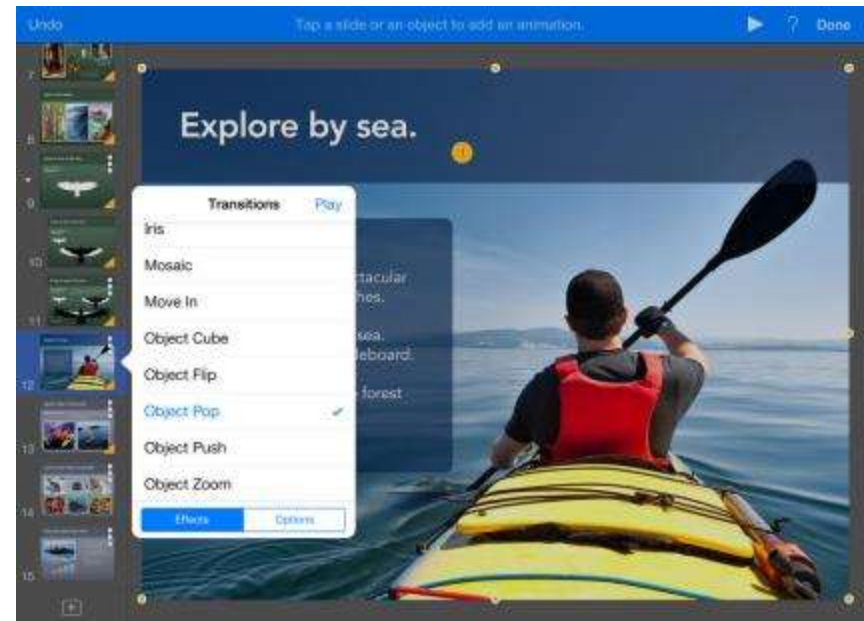
- Easy-to-use design, screencasting, and interactive whiteboard tool that lets you annotate, animate, narrate, import, and export almost anything to and from almost anywhere.
- Create slides, draw in any color, add shapes, add text, and use a laser pointer.
- Rotate, move, scale, copy, paste, clone, and lock any object added to the stage.
- \$2.99



# Keynote



- Choose from 30 Apple-designed themes
- Use the slide navigator to quickly skim through presentation, add new slides, and reorder slides
- Design your presentation using your choice of slide layouts, animations, fonts, and style options
- Animate data with new interactive column, bar, scatter, and bubble charts
- Import and edit Microsoft PowerPoint files
- \$9.99



# Touch Mouse



- Touch Mouse by Logitech turns your iPhone or iPod touch into a wireless track pad and keyboard for your computer
- **Free!**

# Apps for Relaxation

# iZen Garden



- Choose from 100s of objects, plants and creatures to place in your garden
- Rake the sand and share your creations
- Helps you to center your mind, relax your psyche and relieve your stress



# Breathe2Relax

- Portable stress management tool
- Detailed information on the effects of stress on the body
- Instructions and practice exercises to learn the stress management skill called diaphragmatic breathing





# Pandora



- Free internet radio
- Create custom stations based on genre
- Free





**Our Question to You:  
What have You Learned today?**



# Webinar Evaluation

Please take a moment to complete our survey:

<https://www.research.net/s/TFLwebinar>



# Contact

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## Martha Rust

AT Specialist

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### Disclaimer

*This presentation is produced by Tools for Life which is a result of the Assistive Technology Act of 1998, as amended in 2004. It is a program of the Georgia Institute of Technology, College of Architecture, AMAC Accessibility Solutions and is funded by grant #H224C030009 of the Rehabilitation Services Administration (RSA), Department of Education. The contents of this presentation were developed under a grant from the Department of Education. However, those contents do not necessarily represent the policy of the Department of Education, Georgia Tech, COA or AMAC and you should not assume endorsement by the Federal government.*