Galloway School: Technology Strategies & Solutions Success

Carolyn Phillips

With contributions from Martha Rust, Liz Persaud & Ben Satterfield

www.gatfl.org

Galloway School
April 2014
Welcome to the Technology revolution! The world around us is evolving at an astounding rate. Assistive Technology developments have been foundational in this evolution and a catalyst producing positive life-changing results for students of all abilities. This talk will present what’s new in AT and in the AT community as we explore where we were, where we are, and perhaps, where we are going.

For Handouts: [http://www.gatfl.gatech.edu/tflwiki](http://www.gatfl.gatech.edu/tflwiki)
AMAC Accessibility is a social change organization on a mission to create affordable services for governmental, private and non-profits organization working with individuals with disabilities. Services include e-text, braille, captioning, assistive technology, office management software and consulting.
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.amagusg.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 - 12,000 unique visitors a month
Services Include:
1. AT Lending Library
2. AT Evaluations & Training
3. AT Demos
4. Resource and Assistance
5. AT Funding Assistance
6. AT & DME Reuse
Come Visit Us!
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
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

Webinar Updates & Schedule

Liz Persaud
Get a Financial Loan to purchase AT

The CFI - The Center for Financial Independence & Innovation, Inc. (The CFI) is a nonprofit organization dedicated to helping individuals with disabilities and their family members advance their financial independence and security.

Obtain AT through our AT Cooperative Buying Program

The Georgia AT Depot is a state-wide buying Cooperative for Assistive Technology for customers in the state of Georgia. The Georgia AT Depot is modeled after the Maryland AT Co-op, which has operated a successful cooperative buying program since 1998. The Georgia AT Depot is a collaborating partner with the Maryland Co-op. In this way we can provide Georgia customers the best discounts possible.

Obtain Reused/Gently Used AT Devices

gTRADE. Georgia's Online Equipment Exchange, encourages members to offer AT and DME for sale or donation to others who may benefit from using technology unneeded by others.

FODAC - Friends of Disabled Adults and Children (FODAC) is Georgia's statewide provider of home health and durable medical equipment. FODAC has distributed 20,000 wheelchairs and thousands of other pieces of DME since 1986. Internationally, 65 countries have received some equipment over those years.
Tools for Life AT Demo Lab

- Tablets
- Vision Items
- DME
- Communication
- Games
- Software
- Switches
- Keyboards
Increase in “Twice Exceptional”

- “The term twice exceptional, often abbreviated as 2e, refers to intellectually gifted students who have some form of disability or significant challenge. These children are considered both because of their intellectual gifts and because of their unique needs.”

- http://www.wrightslaw.com/info/2e.index.htm
Increase in “Twice Exceptional”

Federal Definition of "Giftedness"
The US government defines "Gifted & Talented" students as those... "who give evidence of high achievement capability in areas such as intellectual, creative, artistic, or leadership capacity, or in specific academic fields, and who need services or activities not ordinarily provided by the school in order to fully develop those capabilities." 20 U.S.C. Section 7801(22). (Wrightslaw: No Child Left Behind, Title IX, Part A, (22). p. 526)
Twice-exceptional children are gifted children of above average abilities who have special educational needs - AD/HD, learning disabilities, Asperger Syndrome, etc. Because their giftedness can mask their special needs and their special needs can hide their giftedness, they are often labeled as "lazy" and "unmotivated".

- http://www.wrightslaw.com/info/2e.index.htm
The Neurology of My Brain

The “rate” at which you learn will become the only sustainable competition advantage you’ll have in your life.

- Peter Senge

- Visual Perception & Discrimination

- Auditory Perception & Discrimination
The Neurology of My Brain

Visual Modality

- Pound
- Proud
- Grill
- Girl
- Earth
- Heart
Consider this...

Time Magazine, March 26, 2001
“Blame it on the Written Word”
By Unmesh Kher

• English has 1120 different spellings for ~44 phonemes
• Italian has 33 different spelling for 25 phonemes
• English is notoriously illogical
Universal Design for Learning Implementation

FOR A FAIR SELECTION EVERYBODY HAS TO TAKE THE SAME EXAM: PLEASE CLIMB THAT TREE
Universal Design for Learning Implementation

Role of Neuroscience

Role of Digital Media

New Role of Assistive Technology
Glogster EDU - Multimedia Poster

• Representation
  – Video, audio, images and text
  – Present curriculum information in an engaging, interactive manner

• Expression
  – Collaborative
  – Presentation alternative
Flickr — Online photo and video sharing

• Representation
  – Annotations to photos as prompts, provide information
  – Visually represent ideas, curricular concepts

• Expression
  – Collaborative or individual use of annotations by students
  – Alternative presentation formats
Real-Time Student Engagement

- **iResponse & iResponse Pro on the iTunes App Store** ($4.99 for iResponse Pro – the utility to create and send, $.99 for iResponse – the utility students use to take and send back.)
- [http://iresponseapp.com](http://iresponseapp.com)
- Can create and send quizzes to up to 35 devices
- See responses from students in real time on your computer
- A Mac/PC utility allows you to create, then send (broadcast) the quizzes
- Launch application on your computer to begin class. On iPad, iPods, etc. log in with the App. Send questions from computer to students logged in.
Real-Time Student Engagement

- **TestMaker** ($.99 on iTunes App store)
- [http://www.phonetain.com/Phonetain_Software/TestMaker.html](http://www.phonetain.com/Phonetain_Software/TestMaker.html)
- Create tests on iPad, iPod or iPhone or on computer and sync for use to iPad, iPod or iPhone to use
- Can send tests via e-mail
- Can make quizzes on iPad/iPod for learning. Student can use for review. Program will grade test taken as a percentage grade. Can set random order, time limits, export quiz.
Real-Time Student Engagement

- QuickieQ
- Types of quizzes include Yes/No, True/False, Multiple Choice, Short Answer
- Fill in the Blank, Essay, Check All that Apply with optional text field, Rate
- Sort, Numeric, File Uploads, Multiple Choice with Images for Answers
- Free trial account, $24.00 per year for up to 35 responders in a session
- Grades, utilizes QuestionPress server for processing, storage, etc.
- Runs from their website, participants log in onto website. Can access from computers or portable devices.
UDL Resources

CAST
http://www.cast.org/

GRADE
http://catea.org/grade/

DOIT
http://www.washington.edu/doit/
SETT: Technology Assessment

- S for the Student
- E for the Environment
- T for the Tasks
- T for the Tools needed for the student to address the tasks.

Joy Zabala!
Promoting Strengths & Managing Weaknesses
Keyboarding

- Web sites with free typing instructions:
  - www.sense-lang.org/typing
  - www.bbc.co.uk/schools/typing
  - www.tyingsoft.com
Abbreviation Expanders

Abbreviation Expanders benefits students who struggle with writing.

- WordQ
- Reach
- Typelt4Me (Shareware)

Used with word processing, these software programs allow a user to create, store, and re-use abbreviation for frequently used words or phrases. This can save the user keystrokes and ensure proper spelling of words and phrases he/she has coded as abbreviations.
Ginger

- [www.gingersoftware.com](http://www.gingersoftware.com)
- Online Grammar and Spell Check
- Check whole sentence- “context- based” corrections
- Text-to-Speech
- Progress Reports
- 14 day free trial
Introducing Pulse™

The Pulse smartpen records and links audio to what you write, so you never miss a word.

To learn more about Pulse’s features and how it works, just move your mouse over the smartpen and click for more information.
The Best of Both Worlds

Don’t limit your speech recognition world to either your Mac or PC.

With MacSpeech Dictate and Dragon NaturallySpeaking you can enjoy the best of both worlds. To celebrate MacSpeech joining the Nuance family, you can get a generous 20% discount - that’s a savings of over $39 - on your purchase of either MacSpeech Dictate or Dragon NaturallySpeaking. This is a limited time offer, so get yours today.

Explore the Best of Both Worlds ➤

MacSpeech Joins Nuance

MacSpeech is now a part of the Nuance family.

Meet the Family

Discover the world of premier speech recognition solutions for the Mac. No matter your need, MacSpeech Dictate has you covered.

Let Freedom Ring

Get MacSpeech Dictate with the Plantronics Calisto Headset with Bluetooth USB Adapter.

Learn More
Mainstream Technology

- Microsoft Word
  - Auto-correct
  - Auto text
  - Auto summarize
  - Templates
  - Formatting
  - Highlighters
What is Ergonomics

- Greek word: Laws of Work
- Science that studies work in various environments, and the tools used to perform tasks in those environments
- Goal: match the capabilities and “limitations” of the human body
Areas of Concern for Students

• Educational Environments
  – Classroom
  – Cafeteria
  – Playground
• Computers
• Mobile devices
• Backpacks
• Recreation
  – Electronics/gaming
Poor Sitting Posture

• Inhibits blood flow
• Creates muscle shortening
• Stresses back muscles and compresses spine
• Can inhibit learning
• Compresses diaphragm
  – Affects breathing
  – Voice quality
Ergonomics in the Classroom
Stand Up For Your Health
Physiologists And Microbiologists Find Link Between Sitting And Poor Health

June 1, 2008 — Physiologists analyzing obesity, heart disease, and diabetes found that the act of sitting shuts down the circulation of a fat-absorbing enzyme called lipase. They found that standing up engages muscles and promotes the distribution of lipase, which prompts the body to process fat and cholesterol, independent of the amount of time spent exercising. They also found that standing up uses blood glucose and may discourage the development of diabetes.
Ergonomics in the Classroom

RIGHT!

WRONG!

RIGHT!

WRONG!

Don’t use
Ergonomics in the Classroom

Writing Solutions:

– “The Penagain takes a novel ergonomic approach to ink pen design. The body of the pen is shaped like a "Y" creating a cradle for the index finger to rest in.”
  http://ergonomics.about.com/od/buyingguide/fr/frpenagain.htm

– Wide barrel pens can make it easier for some people to write due to their contoured shape. With a Fat Ergonomic Pen there’s more surface area to grip which makes it easier to write.
Movement Helps Learning!

- 2003 study in *American Journal of Occupational Therapy* concluded that students with ADHD using ball chairs were able to sit still, focus and write more words legibly.

- 2007 Mayo Clinic study concluded that a chair-less classroom increased attention and improved learning.

- 2008 University of Central Florida study
  - children need to move to focus during a complicated mental task
  - especially those with attention-deficit/hyperactivity disorder (ADHD)—fidgeted more when a task required them to store and process information rather than just hold it.
Dump the chair?

- Engages core muscles
- Less impulsivity
- Increase focus

<table>
<thead>
<tr>
<th>Height</th>
<th>Recommended ball size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 4'8&quot;</td>
<td>45 cm ball</td>
</tr>
<tr>
<td>4'8&quot; to 5'3&quot;</td>
<td>55 cm ball</td>
</tr>
<tr>
<td>5'4&quot; to 5'10</td>
<td>65 cm ball</td>
</tr>
<tr>
<td>5'10 to 6'4</td>
<td>75 cm ball</td>
</tr>
</tbody>
</table>

For kids 5 years and younger, always use a 45 cm ball.
(Exercise Balls for Dummies)
Fidget Footrests

- Standing desks can help students who find sitting still difficult.
- Use of dynamic footrests can help release energy and improve focus.

http://classroomseatingolutions.com/products.html
Mounts

RAM

ErgoMart

(RJ Cooper Magic Arm)
Mobile devices

Can also contribute to poor posture and repetitive motion injuries

Neck strain, nerve compression
# Comparing Tablets

<table>
<thead>
<tr>
<th>Property</th>
<th>Android</th>
<th>iOS</th>
<th>MS Windows</th>
<th>Amazon Kindle</th>
<th>Barnes and Noble Nook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number and variety of Tablets</td>
<td>Over 11,000</td>
<td>iPad and iPad mini</td>
<td>Several</td>
<td>Kindle Fire and Fire HD</td>
<td>Nook HD</td>
</tr>
<tr>
<td>Operating System</td>
<td>Android (Jelly bean)</td>
<td>ios7 (Sept 18, 2013)</td>
<td>Microsoft Windows 8</td>
<td>Modified version of Android ICS</td>
<td>Modified version of Android- Microsoft bought 2013</td>
</tr>
<tr>
<td>Apps</td>
<td>860,815 (AppBrain.com updated 9/13/13)</td>
<td>900,000 with 375,00 optimized for iPad/mini (mobileburn.com updated June 2013)</td>
<td>104,917 (winbeta.org updated July 4, 2013)</td>
<td>50,000 in Amazon App store also shop in Google Play Store (theverge.com updated August 2013)</td>
<td>10,000 in Barnes and Noble and have access to Google Play store (barnesandnoble.com updated August 2013)</td>
</tr>
<tr>
<td>Software Updates</td>
<td>As it becomes available on Google</td>
<td>Apple releases updates</td>
<td>MS releases updates</td>
<td>Amazon releases updates</td>
<td>Barnes and Noble releases updates</td>
</tr>
<tr>
<td>Interface</td>
<td>As designed by manufacturer</td>
<td>Icons and widgets designed by Apple</td>
<td>Metro style designed by Microsoft</td>
<td>Modified version of regular Android</td>
<td>Modified version of regular Android</td>
</tr>
</tbody>
</table>

[www.bluebugle.org](http://www.bluebugle.org) updated by TFL 2013
Android Device Fragmentation

July 2012: 3,997 Different Android Devices

July 2013: 11,868 Different Android Devices

Ben Satterfield
Future

• Evening out the playing field
• The Future is Contextual
  – GPS apps
  – Ads on Internet
  – Smart watches
  – Social Media
    • Proust.com

• Martha Rust
A way for you and your family to share and preserve your memories, one question at a time.

CREATE THE DIGITAL STORYBOOK OF YOUR LIFE
Locabulary

- Uses GPS to track user location and suggests appropriate vocabulary based on location
  - ie: McDonald’s starbucks
- A keyboard to type for text-to-speech
- User can tag their own locations and create vocabulary for each location
- Lite version Free; Pro version $130
Neuroplasticity research has established, beyond doubt, that instead of being a static cell mass, our brain is actually a dynamic system of neural networks that has the capability of significant growth under favorable circumstances.

Rudraprosad Chakraborty, M.D.
The brain is an amazing thing. Most of us have no idea what’s really going on inside our heads. Yet brain scientists have uncovered details every business leader, parent, and teacher should know.

Dr. John Medina- Developmental Molecular Biologist
THE NEW YORK TIMES:
“The power of positive thinking finally gains scientific credibility. Mind-bending, miracle-making, reality-busting stuff...with implications for all human beings, not to mention human culture, human learning and human history.”

OLIVER SACKS, MD:
“Fascinating. Doidge’s book is a remarkable and hopeful portrait of the endless adaptability of the human brain.”

THE LONDON TIMES:
“Brilliant...Doidge has identified a tidal shift in basic science...The implications are monumental.”

V.S. RAMACHANDRAN, MD, PHD:
“Superb, Brilliant, I devoured it.”
VGo Telepresence Robot

- Enables a person to replicate themselves in a distant location and have the freedom to move around as if they were physically there
- Reduces travel costs
- School
- Hospital
- Work from home
“Exploring New Ideas with Advanced Social Robotics”

— an extension of humankind. RoboKind.
Meet NAO!
Tongue Drive System (TDS):
A Brain-Tongue-Computer Interface

Intraoral Tongue Drive System (iTDS) Technical info

Clinical Trial Completed

If you have tetraplegia, live in Atlanta, GA or Chicago, IL, and interested in participating in the upcoming clinical trials, please do contact Dr. Ghovanloo.
Electronic Sensors Printed Directly on the Skin

New electronic tattoos could help monitor health during normal daily activities.

By Mike Orcutt on March 11, 2013

Taking advantage of recent advances in flexible electronics, researchers have devised a way to "print" devices directly onto the skin so people can wear them for an extended period while performing normal daily activities. Such systems could be used to track health and monitor healing near the skin's surface, as in the case of surgical wounds.

So-called "epidermal electronics" were demonstrated previously in research from the lab of John Rogers, a materials scientist at the University of Illinois at Urbana-Champaign; the devices consist of ultrathin electrodes, electronics, sensors, and wireless power and communication systems. In theory, they could attach to the skin and record and transmit electrophysiological measurements for medical purposes. These early versions of the technology, which were designed to be applied to a thin, soft elastomer backing, were "fine for an office environment," says Rogers, "but if you wanted to go swimming or take a shower they weren't able to hold up." Now, Rogers and his coworkers have figured out how to print the electronics right on the skin, making the device more durable and rugged.

"What we've found is that you don't even need the elastomer backing," Rogers says. "You can use a rubber stamp to just deliver the ultrathin mesh electronics directly to the surface of the skin." The researchers also found that they could use commercially available "spray-on bandage" products to add a thin protective layer and bond the system to the skin in a "very robust way," he says.

Eliminating the elastomer backing makes the device one-thirtieth as thick, and thus "more conformal to the kind of roughness that's present naturally on the surface of the skin," says Rogers. It can be worn for up to two weeks before the skin's natural exfoliation process causes it to take off.

During the two weeks that it's attached, the device can measure things like temperature, strain, and the hydration state of the skin, all of which are useful in tracking general health and wellness. One specific application could be to monitor wound healing: if a doctor or nurse attached the system near a surgical wound before the patient left the hospital, it could take measurements and transmit the information wirelessly to the health-care providers.
Ten days with Google Glass

By Will Shanklin
December 23, 2013

Gizmag shares some more thoughts about being part of the Google Glass Explorer program

Image Gallery (7 images)

Here at Gizmag, we're very interested in the present and future of wearables tech. So we thought it was fitting to sign up for the Google Glass Explorer program, to give you a better idea of what Sergey Brin and company are brewing up in Mountain View. Though we aren't quite ready to do a proper Google Glass review, we want to share some more thoughts from our first ten days with Glass.

My first few days with Google Glass were mostly about the self-preservation and curiosity factor. It's a strange little thing, which you have to wear all the time and which constantly9

www.lenscrafters.com

• Hearing related disabilities & Cognitive processing
  • Captioning – TV, Movies, etc.
  • Live remote captioning for events
    • CART – Word for word
    • C-Print – complete thoughts

• Video captioning – Low Vision/Blind
Claro Read is one example
• For PC or Mac
• Reads aloud any print that is highlighted
• Floating toolbar
• Quickly and easily change the font size
• Change colors and spacing
• Check definition and meaning of words
• Additional voices available for PC

ClaroRead for PC Overview
Claro Read add-ons

ClaroView
• Adjust screen color and tint

ClaroCapture
• Organize notes from various files

ClaroIdeas
• Visual graphic organizer

Screen ruler
• Highlights and magnifies screen in a horizontal band
Premier Software

- www.readingmadeeZ.com
- Read documents in PDF, Microsoft Word, HTML, Rich Text, text file format
- Convert to audio files for use on a CD or MP3 player
- Scan and read documents
- Look up a word or definition in the integrated dictionary
- Create study notes and much more
Premier Features

- PDF Equalizer (example on next slide)
- E-Text Reader
- Universal Reader Plus
- Scan and Read Pro
- Talking Word Processor
- PDF Magic Pro
- Text-to-Audio
- Ultimate Talking Dictionary
- Talking Calculator
- Premier Predictor Pro
never again meet, Walton meets and loves Frankenstein, the Creature is reunited with Frankenstein, as a corpse; the Creature in the last scene meets Walton, and a message, of understanding if not love, passes between them. The plot of the last volume has taken a decisive turn in the direction of failure to breed, or to breed healthily.

When it comes to parenting, Frankenstein is himself a monster. He will not acknowledge his only child, the Being he chooses to call Monster, Fiend, and Demon, though no human father ever played so thorough-going a role in any birth. (The good reasons for the critic to avoid Frankenstein's harshest most unpatrial acts of naming should be apparent.) Frankenstein repeatedly illustrates, but ironically, Lawrence's scholarly observations about parenting—the medical mishaps to which the birth-process is subject; the one sure
PDFAloud

- Built in toolbar that fits with Adobe Reader 10 (or earlier) or Adobe Acrobat
- Highlights text as it reads
- Does NOT work in Acrobat 11
Atomic Resources

Atomic Learning Tutorials
AMAC membership also provides you with access to Atomic Learning videos. Go to Atomic Learning to access video tutorials on many widely used applications and devices such as Microsoft Office and iOS for iPad and iPhone.
Microsoft Surface

- Windows 8
- Slim and has a USB port
- Moveable Tiles
- Built-in Accessibility
  - Speech-to-text
  - Narrator
- Thin pressure sensitive cover that doubles as a keyboard
- Starts at $499
Samsung Galaxy

- Download Accessibility Features
- 7 inch or 10 inch screen available
- Compatible with flash/ WIFI
- 8.0 coming out February 2013 in Europe
- 8.0 will have a better camera and use a SIM card for storage
- Starts at $199.99 but 8.0 may be more
Apple iPad mini

- Multi-touch screen
- New iOS 6
- Millions of apps
- Surf web
- iTunes
- Videos
- Organization
- Accessibility
- Books
- Photos
- Speakers
- 5.0 megapixel camera
- Starts at $329

Height: 7.87 in
Width: 5.3 in
Depth: 0.28 in
Weight: 0.68 lb
LET’S EXPLORE OUR FAVORITE APPS!
Apps for Daily Living
MyMedSchedule

- Keep track of medication
- Reminders
- Refill Reminders
- Healthcare Provider Profiles
- Insurance Information
- Allergies
- Works across Platforms
- Free

www.mymedschedule.com
Grocery IQ

- Pictorial shopping list
- Customize different lists for different users using pictures on camera roll
- Add your own items and categories
- Assign item prices
- Assign item locations (for example, aisle numbers)
- Several accessibility options
  - text-to-speech
  - uses large easy-to-see images
  - item prices automatically totaled
- $4.99
SkyGrid

- Personalize news events by categories
- Simple interface
- Free
- www.skygrid.com
Apps for Social Networking/Staying Connected
iMovie

- Share information via Facebook, Twitter, Email, or SMS
- Upload photos
Apps for Fitness
Sleep Cycle

- Tracks your sleep patterns
- Uses iPhone accelerometer to track how often you move at night
- Set an alarm range
- Woken up gradually when you are in like sleep
- Feel refreshed and energized
- $2.99
EveryTrail

- Tracks route using your iPhone GPS
- Use with walking tours, biking, running, hiking, sailing and driving
- Travel map is visible and drawn while trip is in progress
- Plot camera photos and video on map instantly
- View stats (distance, speed, elevation and more) while tracking
- View topography and terrain maps on iPhone
- Download maps for offline viewing
- Free
Apps for Nutrition
Fooducate

- Track calories
- Provides healthier options
- Educates on food ingredients
- Save favorites
- Create lists
- App for allergies and gluten-free
- App for diabetes nutrition
- Free
- www.fooducate.com
Happy Cow

- Interactive map to locate vegan, vegetarian and health food stores
- Provides directions, phone numbers, & website
- Share information via Facebook, Twitter, Email, or SMS
- Upload photos
- $2.99
Apps for Organizing
Idea Sketch

• Mind and concept mapping
• Create flow charts
• Brainstorm ideas
• Convert flowchart to text outline and vice versa
• Free
Genius Scan

- Scan documents or handwritten notes
- Email the scans as JPEG or PDF
- Free
- Genius Scan Plus ($2.99) allows upload to Dropbox, Skydrive or Evernote
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!
Apps for Writing
Dragon Dictation

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

- Type with your thumbs on the iPad as you do on the iPhone
- Adjustable keyboard
- Customizable
  - Adjust key width
  - Height
  - Spacing
- $3.99
Apps for Reading
Types of Reading Apps

• There are over 27,000 reading apps and over 500,000 books and publications

• Active Reading Apps
  – Studies show that comprehension improves by 38%-70%
  – Defined as eyes are on the screen following the words
  – Highlighting of words, sentences, and paragraphs

• Passive Reading App
  – No pictures
  – Usually synthetic Computer Generated Voices/ VoiceOver

  – Therese Willkomm
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

ClaroSpeak speaks back text with high-quality speech and highlighting so you can follow the words as they are spoken.

Tap the screen to place the 'cursor point' in the text. Then tap the Play icon to start speaking. The text will be spoken from the start point with the highlighting and voice you have selected in Settings. To stop ClaroSpeak speaking, tap the Stop icon or tap anywhere in the ClaroSpeak title bar.
Reading Apps

- **Learning Ally**
  - **DAISY**
  - Membership required
  - over 75,000 audiobooks, audio textbooks, and other recorded books

- **Audible.com**
  - Over 100,000 titles
  - Works on both Android and Apple
  - $7.00-$22.00 per month
Reading Apps

• Free Books
  – Free
  – Over 23,000 titles
  – Audiobooks

• Newspaper
  – Free
  – Newspapers from 150+ countries
  – Over 20,000 newspapers

• Overdrive Media Console
  – Free
  – Must have library card
  – Download ebooks and audiobooks on the go
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
Apps for Organization/Memory
Cozi

- Free
- You can access from a computer, smartphone or tablet
- Manage a family calendar and set reminders.
  - Add an appointment and it uploads to your Cozi account so everyone can see it.
- Get your grocery shopping lists when you're at the store, even when offline.
- Add a to do list item right when you think of it and have it right there in your pocket to remind yourself.
- Jot down a memory as it happens in the journal.
  - Add a photo from your library to capture the moment.
- Add and edit non-repeating calendar appointments, shopping lists, and to do lists while offline.
Apps for Writing and Reading
Say it & Mail it Pro

• Email voice memos
• Attach pictures
• Set preference to start recording as soon as app opens
• Add location
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
• Text Message Support
• Remove misspelled or unwanted words
• Set prediction font size and window transparency
iWriteRead

- TextHelp
- 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
Apps for Emergency
ICE In Case of Emergency

- Emergency contact list
- Central place for you to record any medications
- List allergies or medical conditions
- Pre-loaded medical information to choose from
- Free
- www.ice-app.net
Emergency Aid

- What To Do in a personal threat, disaster or emergency
- Detailed medical profile
- Emergency contacts and health information with photo and customizable notes
- Distress Signal and light
- Illustrated instructions with highlighted “What to do”, “Warnings” and “Do Not”
- One-Tap Call to emergency aid services or web sites
- $1.99
Apps for Navigation
Favorite Navigation Apps

- Around Me
  - Identifies where you are
  - Lists what is around you
  - View route to place from where you are
  - Add information to contact list

- Talk and Drive Waze
  - Operate your map applications simply by talking
  - Launch the application, say your destination
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
Talk with Us!

What are Your Favorite Apps for Living, Writing, Reading Organization/Memory?
Talk with Us!

What Technology Trends do you see?
Our Question to You: What have You Learned today?
Thank You!
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