



LD & Assistive Technology 101 - Begin with the End in Mind

Carolyn Phillips, Tools for Life
Liz Persaud & Rachel Wilson

With contributions from Christopher Lee, Martha Rust, & Ben Jacobs & Ben Satterfield

www.gatfl.org

For Handouts: <http://www.gatfl.gatech.edu/tflwiki>

2014 Decoding
Dyslexia
December 13



www.amacusg.org



Welcome to the Assistive Technology Revolution!

The world around us is evolving at an astounding rate. Assistive Technology developments have been foundational in this evolution and a catalyst for producing positive life-changing results for individuals with disabilities.

This session will take a closer look at:

- AMAC | Tools for Life – AT Act Program
 - Advocacy & Knowing Your Rights
 - Making an LD Evaluation Your Action Plan
 - Understanding Assistive Technology
 - Using “Low/Light Tech” to inform “Mid/High Tech Solutions”
 - 5 Trends to Watch
 - where we are and perhaps, where we are going.
- ...all in 60 minutes!

For Handouts: <http://www.gatfl.gatech.edu/tflwiki>



AMAC

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.





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

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 & TFL Network

- **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/Outreach Sites
 - Lending Libraries
 - Training and Demonstrations
 - AT Reuse
 - AT Funding Education and Resources
- **Online Resources**
 - www.gatfl.org - 5,000 unique visitors a month

Come Visit Us!

- 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



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](#)

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.

- Tablets
- Vision Items
- DME
- Communication
- Games
- Software
- Switches
- Keyboards

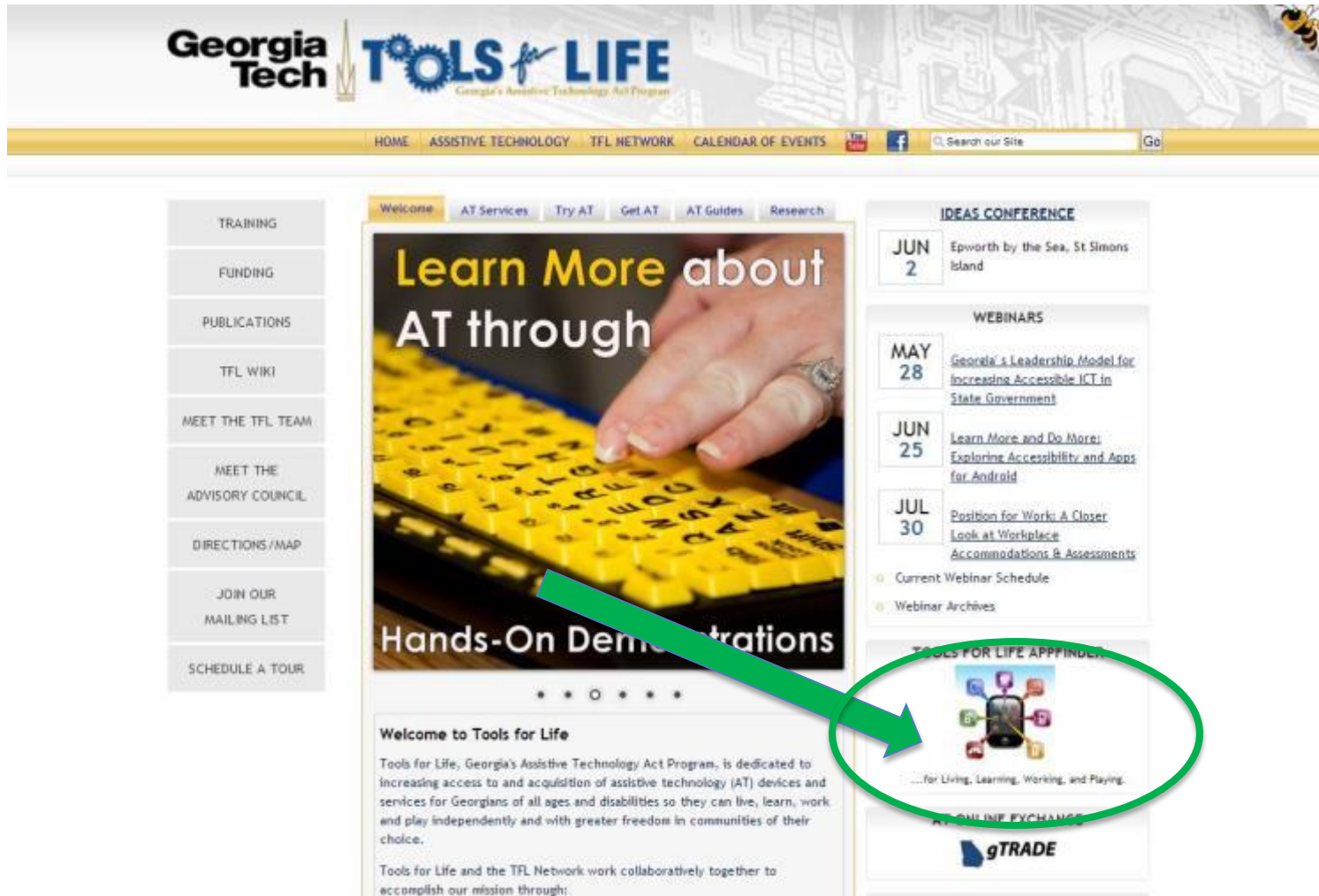




Tools for Life AT Demo Lab





TFL AppFinder



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, along with social media icons and a search bar. A left sidebar lists various resources like TRAINING, FUNDING, and PUBLICATIONS. The main content area features a large banner for 'Learn More about AT through Hands-On Demonstrations'. To the right, there are sections for IDEAS CONFERENCE, WEBINARS, and TOOLS FOR LIFE APPFINDER. A green arrow points to the TFL AppFinder icon, which is a smartphone surrounded by various app icons. Below the icon, the text reads '...for Living, Learning, Working, and Playing.' The bottom of the page features a gTRADE logo.

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

Learn More about AT through Hands-On Demonstrations

★★★★★

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:

IDEAS CONFERENCE

JUN 2 Epworth by the Sea, St Simons Island

WEBINARS


MAY 28 [Georgia's Leadership Model for Increasing Accessible ICT in State Government](#)

JUN 25 [Learn More and Do More: Exploring Accessibility and Apps for Android](#)

JUL 30 [Position for Work: A Closer Look at Workplace Accommodations & Assessments](#)

- Current Webinar Schedule
- Webinar Archives

TOOLS FOR LIFE APPFINDER



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

gTRADE

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

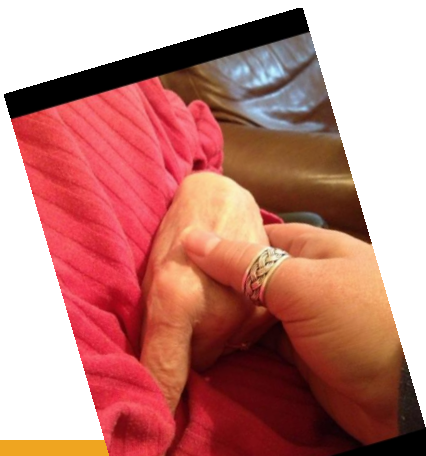
Guiding Principles

- **We – Collectively – are Brilliant & Can find an Innovative Path and Create Brighter Futures**
- **We must Think, Live and Act from a place of Abundance – We have enough time, money, resources...**
- **We Must Focus on Abilities!**
- **Assistive Technology is Key to Success.**
- **Success Breeds Success**
- **YOU have the Power to make the Difference!**
 - **Change vs. Progress (Bob Phillips)**



Considering the Lifespan!

- Master Our Skills!
- Expand Our Knowledge and
- Build Stronger Schools to Create an amazing, Inclusive and United Community!



Consider this -



- My Success relied on
 - Assistive Technology!!
 - Try before you buy – Explore!
 - Training
 - Think across environments –
 - Laptop – Still Need!
 - iPhone – I used 13 apps yesterday and today!
 - iPad – use everyday
 - Organization – Learn Your Style
 - efficiency brings peace
 - Evaluations – Hot Button
 - Working from No/Old/Incorrect info
 - Don't trust everything you read & hear
 - Advocate for an AT Evaluation/Assessment

Consider this -



- My Success relies on
 - Failing
 - Dignity of Failure
 - I learned More from My “Failures” sometimes than my “successes”
 - Give yourself room to fail – and Grow from the experience
 - Learn to Laugh...a lot!
 - Be Optimistic...
 - Evaluate & Evolve!

Begin with the End in Mind!

- **Know Your Rights**

Why Assistive Technology?

- For a person without a disability, technology makes things easier....
- For a person with a disability, technology makes things possible.
- **TIP: USE AT. I have yet to meet a successful student with disabilities who doesn't use Any AT.**





What is Assistive Technology?

Assistive Technology Device

...any item, piece of equipment or product that is used to increase, maintain or improve functional capabilities of individuals with disabilities.

- Public Law 105-394 [29 USC 2201]

Low/No-tech

- pencil grip
- adapted books
- slant board
- highlighters, tape
- magnifiers
- color coding
- read to out loud
- picture schedule
- strategies for memory
- colored transparencies
- Proof readers
- note taker

Mid-Tech

- word prediction
- text to speech
- speech to text
- spell checkers
- talking calculators
- digital recorders
- organizers
- e-books
- adapted keyboard
- adapted mouse
- adapted toys
- CCTV
- apps under \$100

High-Tech

- computer/laptops
- tablets/phablets
- smartphones,
- smartpens
- OCR scanner/software
- magnification software
- speech output devices
- switch, joystick access
- scanning access
- voice recognition
- environmental control devices
- apps over \$100



What is an AT Service?

Assistive Technology Services

Any service that **directly assists an individual with a disability** in the selection, acquisition, or use of an assistive technology device.

Includes:

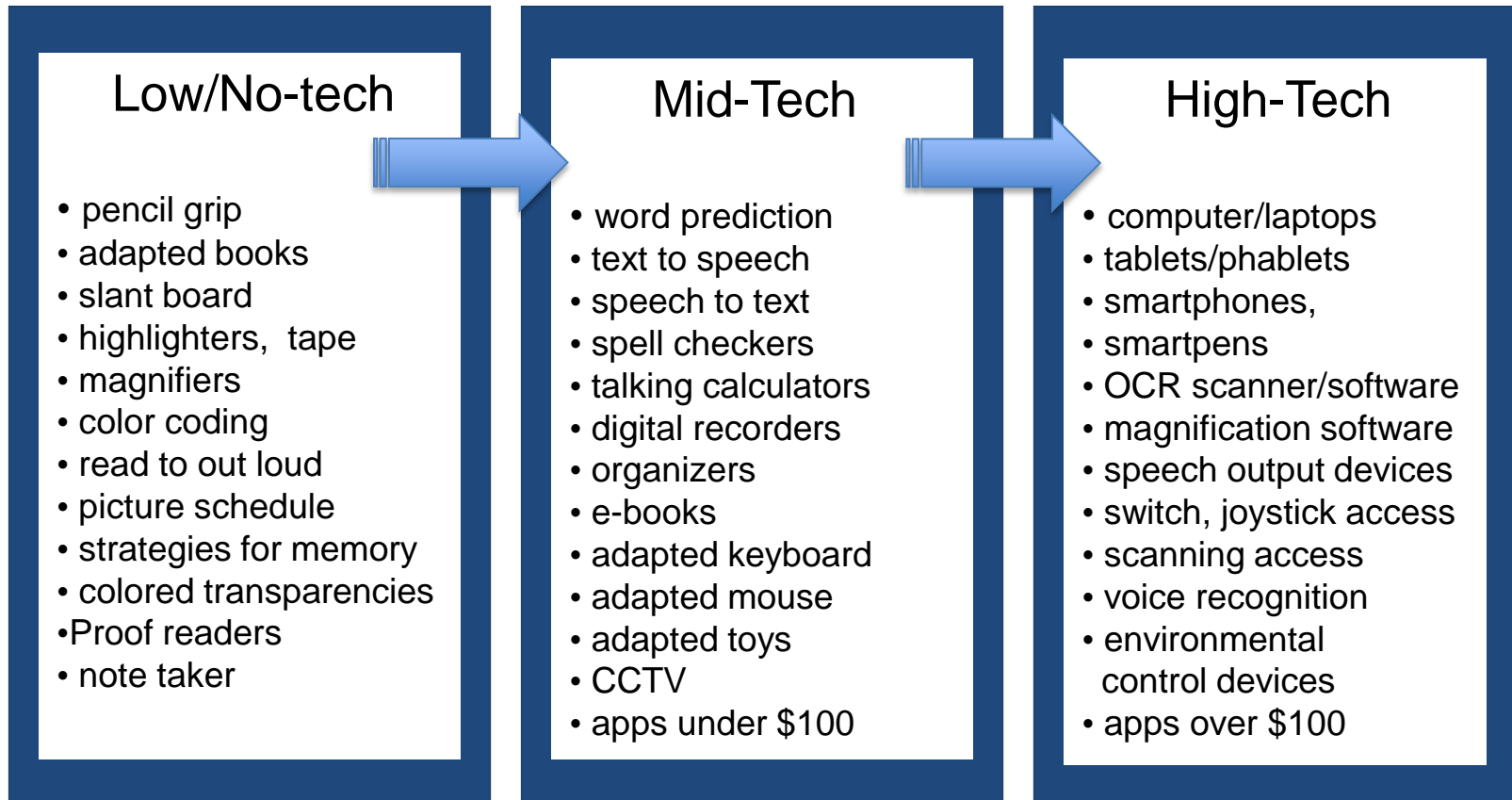
- Evaluating
- Providing devices
- Selecting, Designing, Customizing
- Maintaining, Repairing
- Coordinating
- Training/Technical Assistance –student, family and school service providers

- Public Law 105-394 [29 USC 2201]

Assistive Technology Continuum

Observations & “Hanging out with Intent”

Assistive Technology is a **continuum of tools, strategies, and services** that match a person’s needs, abilities and tasks.





Assistive Technology Laws

Family Center on Technology and Disability

- **Americans with Disabilities Act (ADA)**
Public Law 101-336 [42 USC 12101]
- **Individuals with Disabilities Education Act (IDEA)**
The Individuals with Disabilities Education Act (IDEA) was initially passed in 1975 as P.L. 94-142. P.L. 94-142 has been amended many times since passing in 1975, most recently in 2004.
- **Section 508 of the Rehabilitation Act**
29 U.S.C. § 794d
- **Assistive Technology Act of 1998, as amended in 2004**
Public Law 105-394 [29 USC 2201]
- **Carl D. Perkins Vocational and Technical Education Act Amendments of 1998**
Public Law 105-332 Section 1 (b) [20 USC 2302]



Assistive Technology Laws

Family Center on Technology and Disability

- **Fair Housing Act Amendments of 1988**
Public Law 100-430 [42 USC 3604]
- **The Hearing Aid Compatibility Act of 1988**
Public Law 100-394 [47 USC 610 (b)]
- **The Television Decoder Circuitry Act of 1990, Section 3**
Public Law 101-431 [47 USC 303 (u)].
- **Telecommunications Act of 1996**
Public Law 104-104 [47 USC 255]
- **Federal Government Procurement of Accessible Information Technology**
Public Law 105-220 section 408 [29 USC 794 (d)]
- **Workforce Investment Act of 1998!**
Public Law 105-220 [29 USC 701]
- <http://www.fctd.info/resources/techlaws.php>

About AccessGA

AccessGA is a joint initiative of the Georgia State ADA Coordinator's Office, the Georgia Institute of Technology's AMAC Accessibility Solutions and Research Center, and The Georgia Technology Authority. AccessGA's purpose is to support Georgia state agencies with Information and Communication Technology (ICT) accessibility, promoting equal and timely access for employees and customers with a wide range of disabilities.



Support

For customer support, call 855-495-0374 or complete the request form. Consult the AccessGA Wiki for online support.

Email

Category

Request

Event Calendar

To view more information or to register for an upcoming event, please click on the name of the event.

No upcoming events scheduled

Accessibility Services

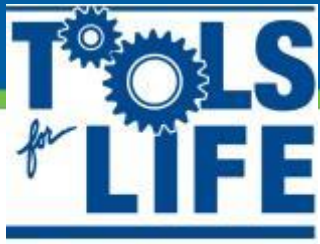
Assistive Technology
Document Content Remediation
Voluntary Product Accessibility Template (VPAT)

Agency Network

Administrative Office of the Courts
Board of Regents of the University System of Georgia
Georgia Department of Transportation

Resources

WAVE
WebAIM
Wiki



Georgia's Assistive
Technology Act Program

Consider this:

- Is your agency or organization, or ones you routinely use, producing accessible ICT?
Website? Forms? Word documents? Manuals?
PowerPoints? Excel forms?
- When you use contractors to develop websites or applications, are you requiring that they comply with WCAG guidelines?
- Be Aware: JAWS users may not see all of the problems on a website. JAWS is intelligent enough to self-correct certain accessibility flaws.



The President Signs the Workforce Innovation and Opportunity Act

July 22, 2014 | 29:19 | Public Domain

President Obama and Vice President Biden deliver remarks before the signing of the Workforce Innovation and Opportunity Act.

Download [mp4 \(1080MB\)](#) | [mp3 \(28MB\)](#)

[Read the Transcript](#)

AT Act Moves from Department of Education to Health and Human Services



Moving from Information to Action

Evaluations for Learning Disabilities

- ☐ One to one assessment
- ☐ Comprehensive battery of tests
- ☐ Detailed report with recommendations for support in work and/or learning
- What did You learn in your LD Evaluation?
- Moving from Information to Action
 - Using your Evaluation results as an Action Plan for AT



Moving from Information to and AT Action Plan

Auditory Processing Disorder (APD)

- “Also known as Central Auditory Processing Disorder, this is a condition that adversely affects how sound that travels unimpeded through the ear is processed or interpreted by the brain. Individuals with **APD do not recognize subtle differences between sounds in words, even when the sounds are loud and clear enough to be heard.** They can also find it difficult to tell where sounds are coming from, to make sense of the order of sounds, or to block out competing background noises.”
- What does this information tell us regarding our AT Action Plan?



Moving from Information to and AT Action Plan

Dyscalculia

- “A specific learning disability that affects a person’s ability to understand numbers and learn math facts.
- Individuals with this type of LD may also have:
 - poor comprehension of math symbols,
 - may struggle with memorizing and organizing numbers,
 - have difficulty telling time, or
 - have trouble with counting.”
- What does this information tell us regarding our AT Action Plan?

<http://ldaamerica.org/types-of-learning-disabilities/>



Moving from Information to and AT Action Plan

Dysgraphia

- “A specific learning disability that affects a person’s handwriting ability and fine motor skills.
- Problems may include illegible:
 - handwriting,
 - inconsistent spacing,
 - poor spatial planning on paper,
 - poor spelling, and
 - difficulty composing writing as well as thinking and writing at the same time.”
- What does this information tell us regarding our AT Action Plan?
<http://ldaamerica.org/types-of-learning-disabilities/>



Moving from Information to and AT Action Plan

Dyslexia

- A specific learning disability that affects reading and related language-based processing skills. Dyslexia is sometimes referred to as a Language-Based Learning Disability.
- The severity can differ in each individual but can affect:
 - reading
 - fluency,
 - decoding,
 - reading comprehension,
 - recall,
 - writing,
 - spelling, and
 - sometimes speech and can exist along with other related disorders.
- What does this information tell us regarding our AT Action Plan?

<http://ldaamerica.org/types-of-learning-disabilities/>



Moving from Information to and AT Action Plan

Visual Perceptual/Visual Motor Deficit

- A disorder that affects the understanding of information that a person sees, or the ability to draw or copy. A characteristic seen in people with learning disabilities such as Dysgraphia or Non-verbal LD, it can result in:
 - missing subtle differences in shapes or printed letters,
 - losing place frequently,
 - struggles with cutting,
 - holding pencil too tightly, or
 - poor eye/hand coordination.
- What does this information tell us regarding our AT Action Plan?



Moving from Information to and AT Action Plan

Language Processing Disorder

- A specific type of Auditory Processing Disorder (APD) in which there is **difficulty attaching meaning to sound groups that form words, sentences and stories**. While an APD affects the interpretation of all sounds coming into the brain, a Language Processing Disorder (LPD) relates only to the processing of language. LPD can affect expressive language and/or receptive language.
- What does this information tell us regarding our AT Action Plan?



Moving from Information to and AT Action Plan

Non-Verbal Learning Disabilities

- “A disorder which is usually characterized by a significant discrepancy between higher verbal skills and weaker motor, visual-spatial and social skills. Typically, an individual with NLD (or NVLD) has trouble interpreting nonverbal cues like facial expressions or body language, and may have poor coordination.”
- What does this information tell us regarding our AT Action Plan?



Moving from Information to and AT Action Plan

- Avoid the temptation of a “cookie-cutter approach”
- Customize approach – No 2 individuals are the same. We all have different strengths and Abilities to build upon.



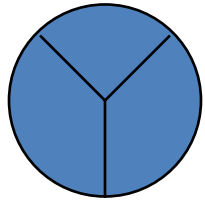
Building a Firm Foundation for AT Success!



The “FAST” Track

- **Frustration**
- **Anxiety**
- **Stress**
- **Tension**

Human Activity Technology (HAAT) Model



- Human: represents the skills and abilities of the person with a disability
- Activity: a set of tasks to be performed by the person with a disability
- Context: the setting or social, cultural and physical contexts that surround the environment in which the activity must be completed
- Assistive Technology: devices or strategies used to bridge the gap between the person's abilities and the demands of the environment

The SETT Framework

S = Student/Skills

E = Environment

T = Tasks

T = Tools



Adapted from Joy Zabala www.joyzabala.com



SETT

By Joy Zabala

STUDENT

What does the student need to be able to do that is difficult or impossible to do independently at this time?

What are the students current abilities?

What are the students special needs and abilities?

What are the functional areas of concern?



ENVIRONMENT

What activities take place in the environment?

What materials, equipment, supports, resources are available?

Where will the student participate- classroom, home, community, therapy?

What is the physical arrangement?



TASKS

What specific tasks occur in the environments which enable progress toward mastery of IEP goals and objectives?

What activities is the student expected to do?



TOOLS

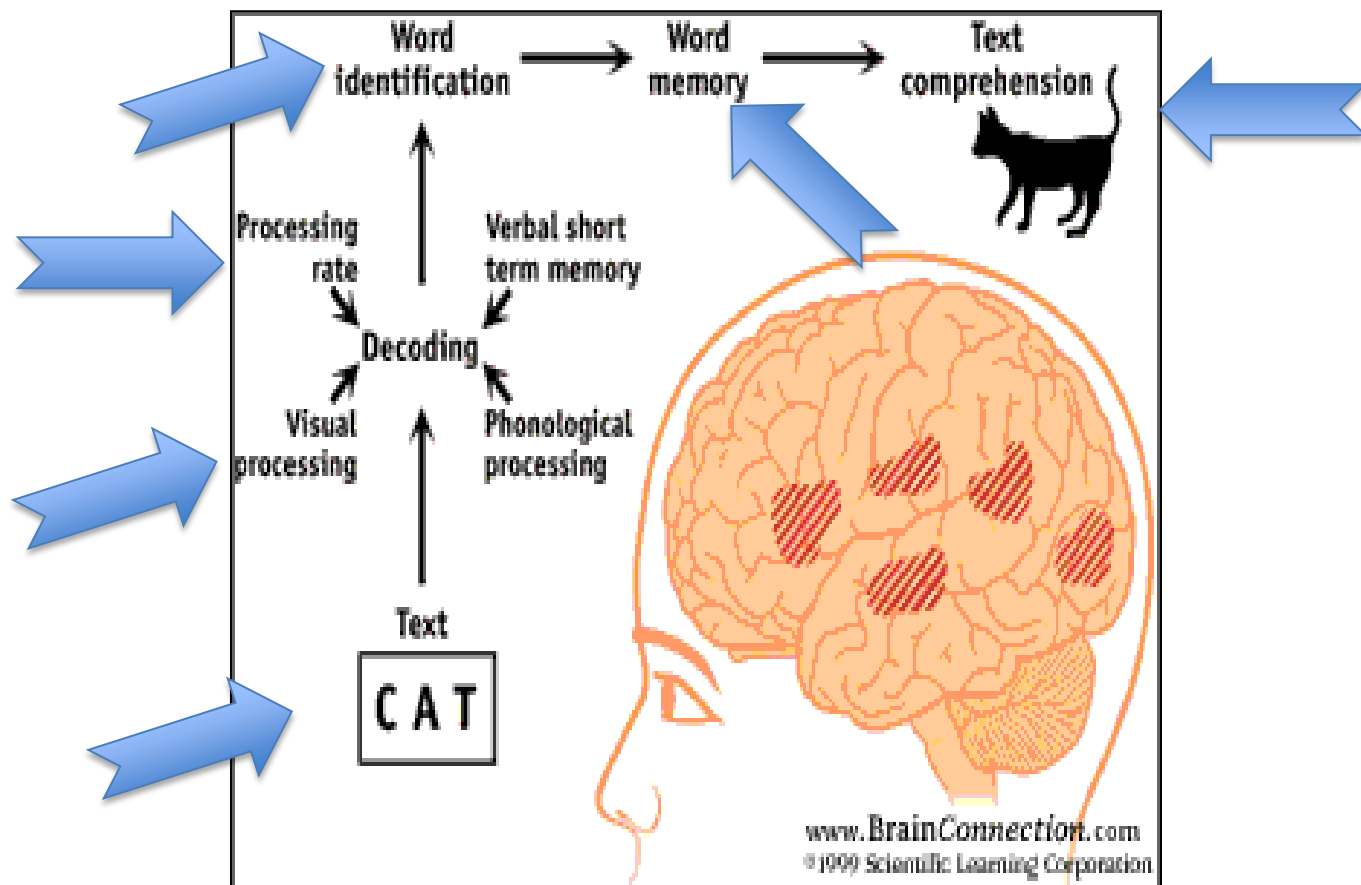
Tools are devices and services- everything that is needed to help the student succeed.

Tools are on a continuum from no/low, mid, high.

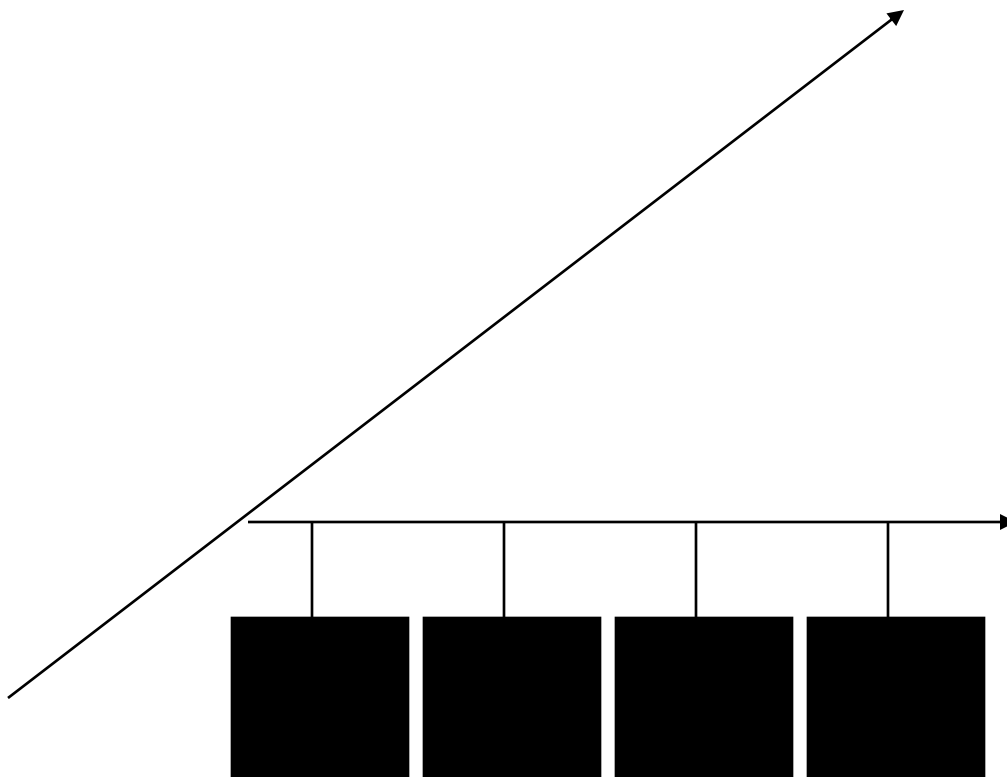
Tools must be student centered.

Describe tool features that are needed.

Examples of Where and When Assistive Technology Can Support the Perception & Discrimination Process



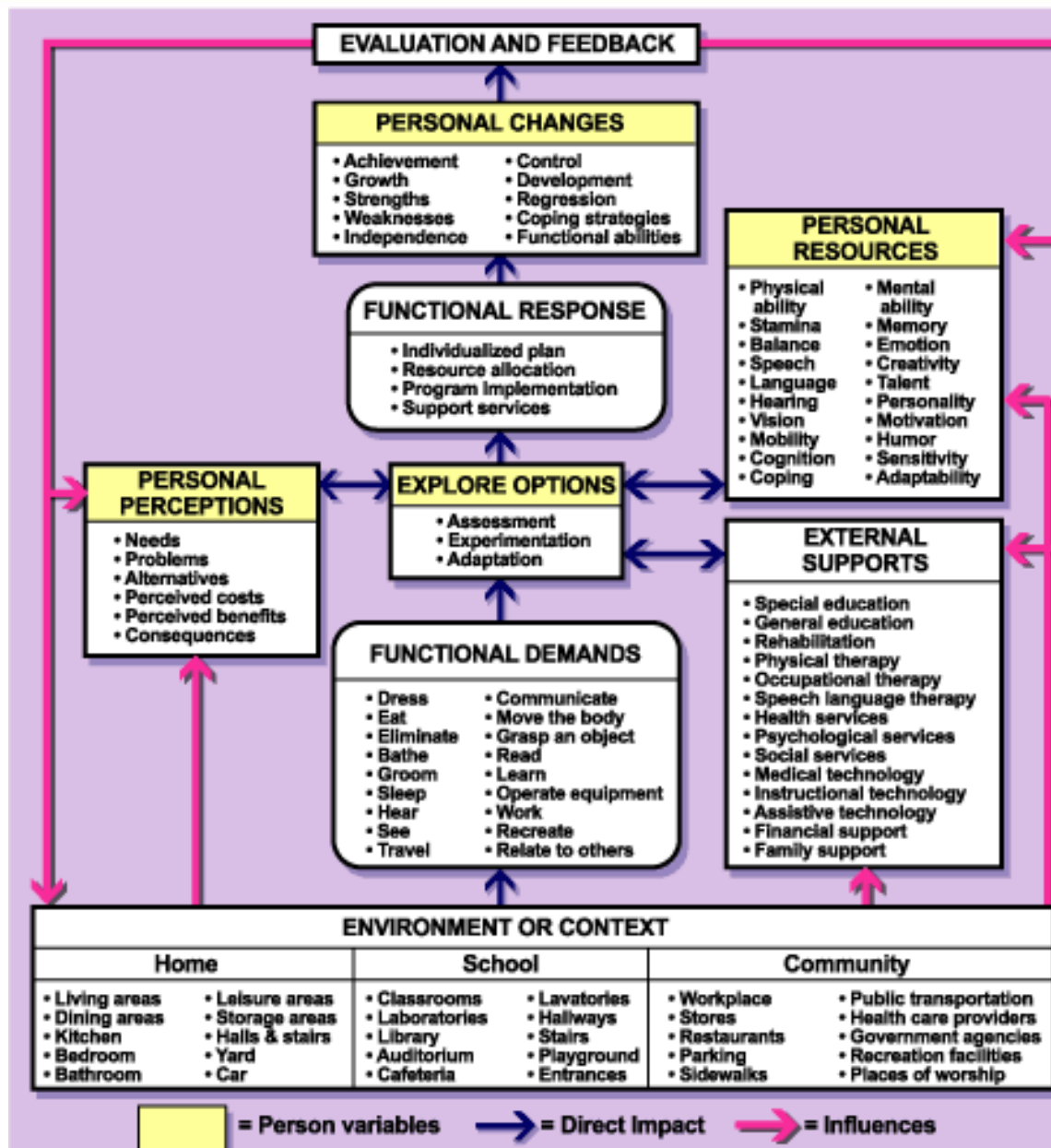
Promoting Strengths & Managing Weaknesses & Stress!



Considering AT:

- Identify Environments
- Determine the Functional Areas
- Select AT

- *Dr. Cheryl Wissick and*
- *Dr. Elizabeth Bagley*



Exploring Assistive Technology Strategies and Solutions

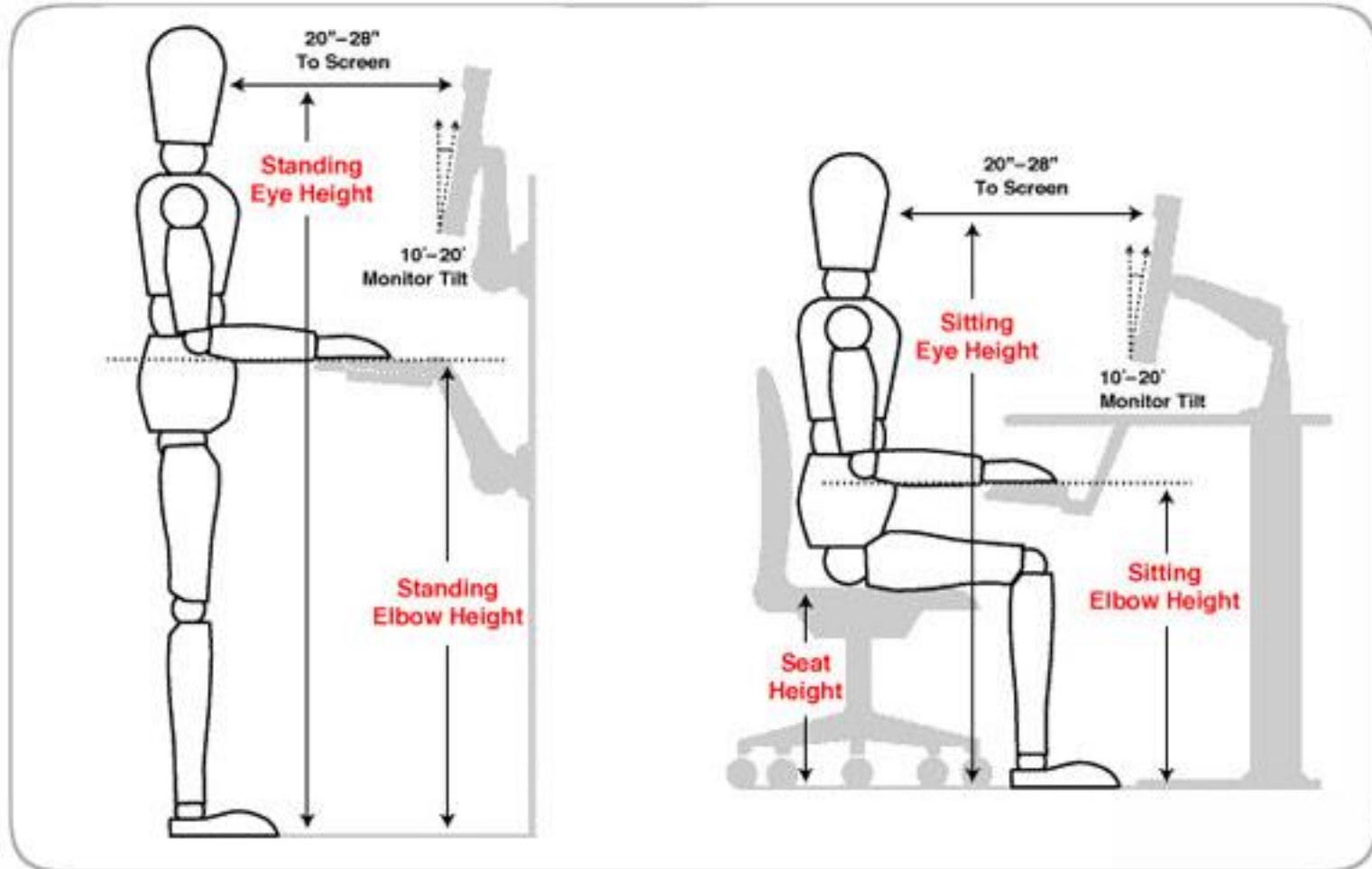
- **Try before you buy**

Ergonomics

- Inhibits blood flow
- Creates muscle shortening
- Stresses back muscles and compresses spine
- Can inhibit learning
- Compresses diaphragm
 - Affects breathing
 - Voice quality

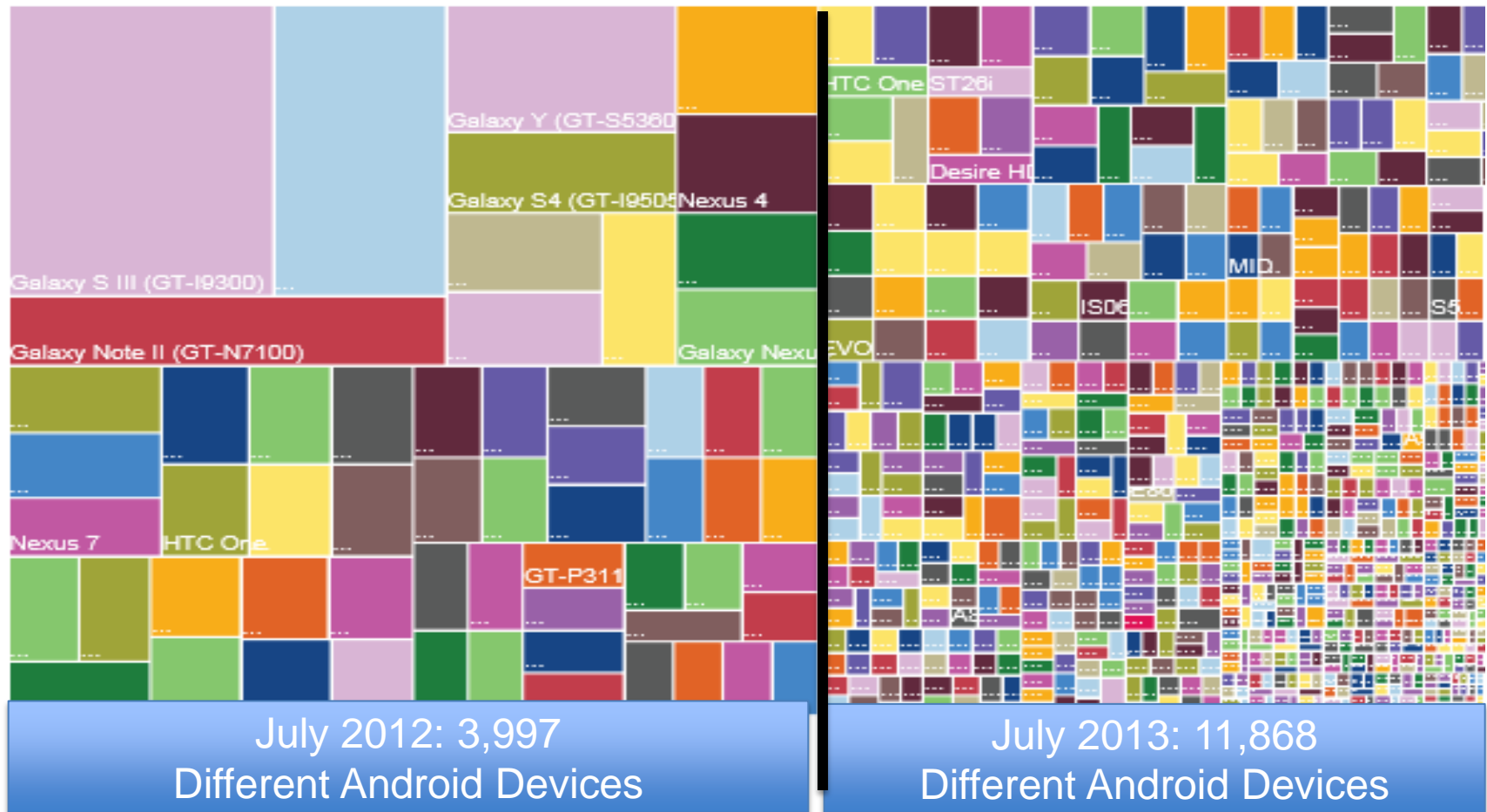


Ergonomics in the Classroom



Know Your Tablets

Android Device Fragmentation





Comparing Tablets

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

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 \$349



Samsung Galaxy Tab 3



- Android System
- 7, 8, or 10 in screen
- Camera
- Micro card
- Wi-Fi
- USB for computer
- Some built-in accessibility app
 - Download others
- Starts at \$199.99

Apple iPad/mini/ Touch

- Multi - touch screen
- New iOS 7
- Millions of apps
- Surf web
- iTunes
- Videos
- Organization
- Accessibility
- Books
- Photos
- Speakers
- 5.0 megapixel camera



Height: 7.87 in
Width: 5.3 in
Depth: 0.28 in
Weight: 0.68 lb



Tools for Life AppFinder

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





TRAINING

[View Presentations](#)[Request Training](#)

FUNDING

[Resource & Assistance](#)[Dollars & Sense Database](#)[Online Equipment
Exchange](#)

RESOURCES

[TFL Newsletter](#)

CONTACT US

[Meet the TFL Team](#)[Advisory Council](#)[Directions/Map](#)[Join our Mailing List](#)[Welcome](#)[AT Services](#)[Try AT](#)[Get AT](#)[AT Guides](#)[Research](#)

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](#)
- [AT Training \(Individual\)](#)
- [AT Training \(Groups\)](#)

2013 IDEAS CONFERENCE

2013 Institute Designed for
Educating All Students Conference
June 3 - 6, 2013
Epworth by the Sea, St Simons Island

- [Submit a Proposal](#)
- [Conference Website](#)
- [Exhibitor Details](#)

WEBINARS

APR
18

[Free for All! Resources for
Teachers and Students](#)

APR
24

[Assistive Technology and
Adapted Recreation: A
Perfect Match](#)

[Current Webinar Schedule](#)
[Webinar Archives](#)

APP FINDER



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

AT ONLINE EXCHANGE



gTRADE [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.

Firefox

Zimbra: Inbox

Tools for Life

www.gatfl.gatech.edu/favorite-search.php

GT Mail Tools for Life TFL Wiki AMAC Facebook Adobe Connect Centr... Playbook TFL Database Gmail GT Sites Eventbrite Websites Quickbase

Bookmarks

Georgia Tech

TOOLS for LIFE

Georgia's Assistive Technology Act Program

HOME ASSISTIVE TECHNOLOGY TFL NETWORK CALENDAR OF EVENTS

Search our Site

Go

TRAINING

View Presentations

Request Training

FUNDING

Resource & Assistance

Online Equipment Exchange

RESOURCES

TFL Newsletter

CONTACT US

Meet the TFL Team

Advisory Council

AppFinder

[About](#) | [Our Other Favorite Apps Databases](#) | [Helpful Links](#)

Welcome to the Tools for Life Database - Our Favorite Apps for Living, Learning, Working and Playing!

Search By:

Name:

OR

Category:

Please select...

Price: ☒ Free ☐ Up to \$4.99 ☐ Up to \$9.99 ☐ All

Device Type: ☒ All ☐ Android ☐ iOS ☐ Microsoft

Search

[Add an App](#) | [Rate an App](#) | [Comments and Suggestions](#)

Version: 1.0

2013 IDEAS CONFERENCE

2013 Institute Designed for Educating All Students Conference
June 3 - 6, 2013
Epworth by the Sea, St Simons Island

[Submit a Proposal](#)

[Conference Website](#)

WEBINARS

APR 18

Free for All! Resources for Teachers and Students


APR 24

Assistive Technology and Adapted Recreation: A Perfect Match

[Current Webinar Schedule](#)


[Webinar Archives](#)

APP FINDER



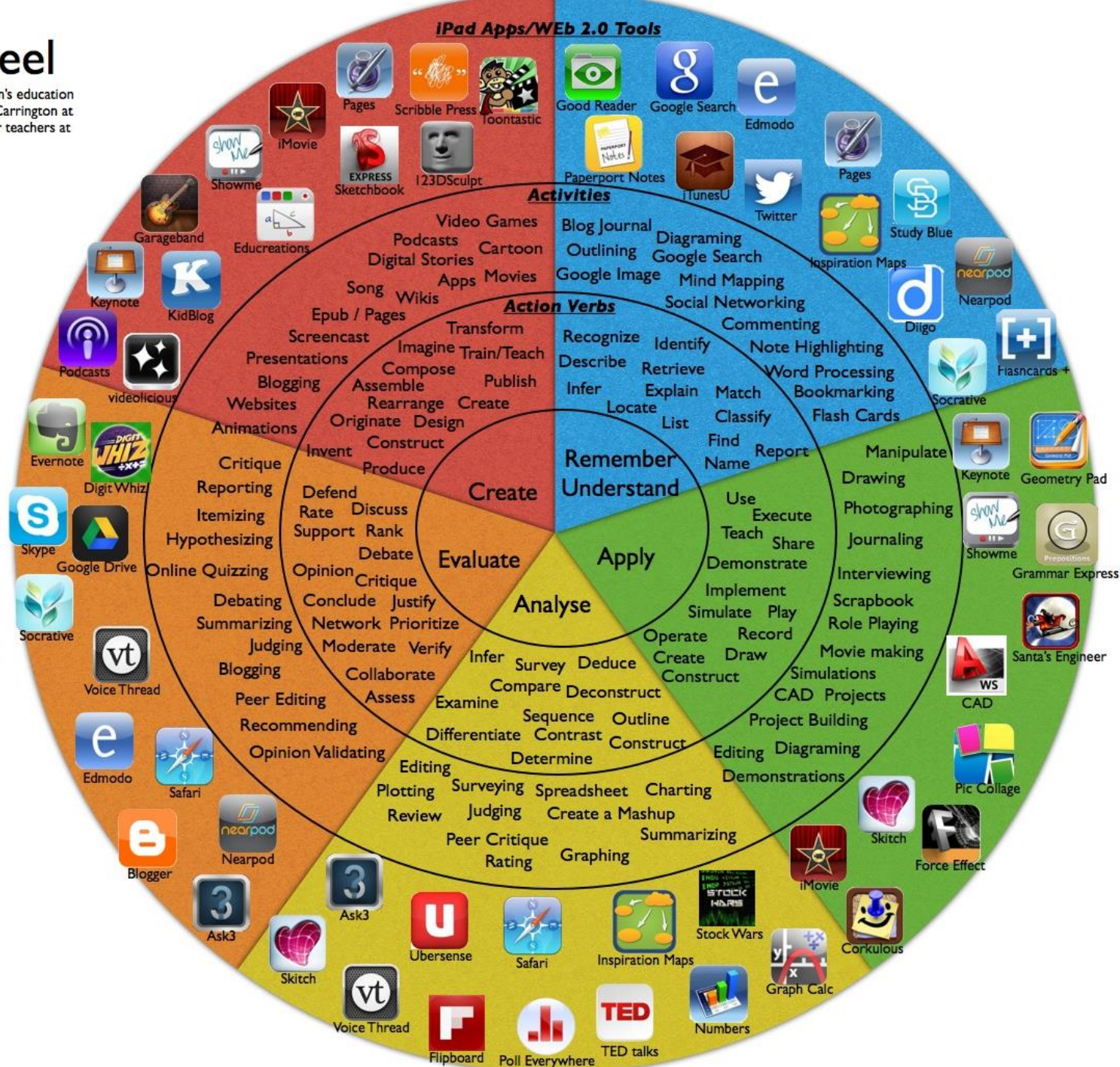
...for Living, Learning, Working, and Playing.

AT ONLINE EXCHANGE

 aTRADE eTRADE Georgia's Online

10:10 PM

Originally discovered on the website of Paul Hopkin's education consultancy site mmiweb.org.uk adopted by Allan Carrington at the University of Adelaide and further modified for teachers at Zeeland Public Schools.



UNIVERSAL DESIGN FOR LEARNING (UDL)
A Placemat of Core Apps Serving Learning for All 2013
Barbara Welsford, M.Ed., ATP, ADE bwelsford@eastlink.ca

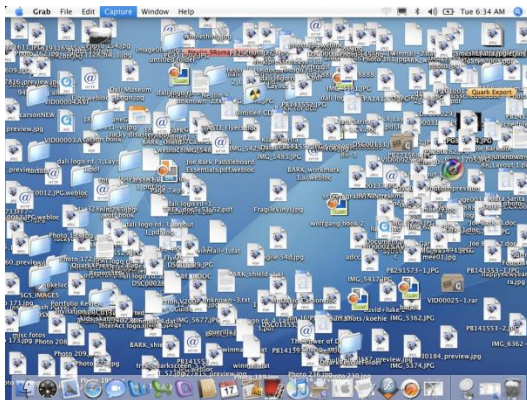


Universal Design For Learning And Accommodations

<http://at4kids.com/udl-and-apps-in-the-classroom>

Memory & Cognitive Supports

- Calendar & Reminder Software
- Friendly Interface Layout

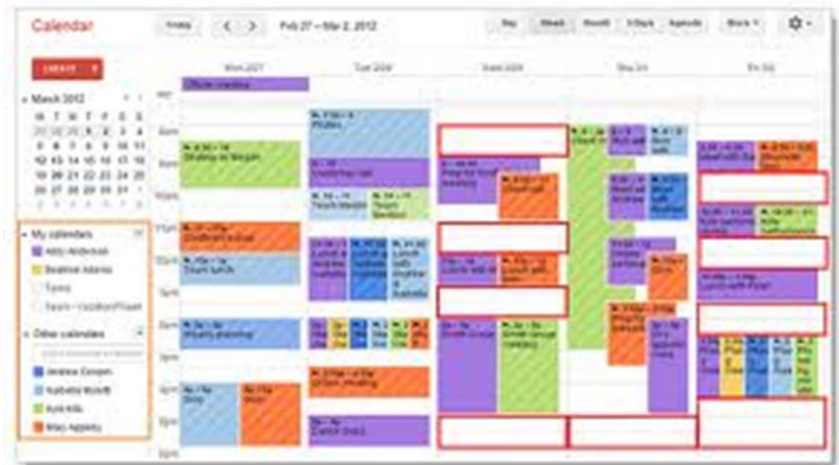


VS.



Google Calendar

- Color Code items
- Share Calendars
- Access across multiple platforms
- Customize Notifications
 - SMS Text
 - Emails
 - Popups
- Multiple ways to view
 - Daily
 - Weekly
 - Monthly



What's New In AT and the AT Community:

- **Perhaps, Where We Are Going**

Emerging Trends



Knowledge transfer is the practical action of transferring knowledge from one organization to another. Like knowledge management, knowledge transfer seeks to organize, create, capture or distribute knowledge and ensure its availability for future users.

TIP: Universities & Colleges are becoming more agile and actively seeking avenues for Knowledge Transfer.



Future

- Evening out the playing field
- More schools Bring Your Own Technology
- The Future is Contextual
 - GPS apps
 - Ads on Internet
 - Smart watches



• *Martha Rust*



News

Articles

Videos

Images

Books

Search ...

[Health & Medicine](#)

[Mind & Brain](#)

[Plants & Animals](#)

[Earth & Climate](#)

[Space & Time](#)

[Matter & Energy](#)

Science News

... from universities, journals, and other research organizations

E-Readers Can Make Reading Easier for Those With Dyslexia

Sep. 18, 2013 — As e-readers grow in popularity as convenient alternatives to traditional books, researchers at the Smithsonian have found that convenience may not be their only benefit. The team discovered that when e-readers are set up to display only a few words per line, some people with dyslexia can read more easily, quickly and with greater comprehension. Their findings are published in the Sept. 18 issue of the journal *PLOS ONE*.

Share This:

[f Like](#) 191

[t Tweet](#) 100

An element in many cases of dyslexia is called a visual attention deficit. It is marked by an inability to concentrate on letters within words or words within lines of text. Another element is known as visual crowding--the failure to recognize letters when they are cluttered within the

[enlarge](#)

STUDENT NAME: _____

Tutor's Initials: _____

Period: _____

Time it took student to read first pass through _____

A group of women crammed in to the Crenshaw Boulevard bus, getting on at the Grove Street stop. Shoving students line, by pushing and heaving, they forced make room for themselves where none so the long RUN to Huntington Street, the private worlds, creating the illusion of space them from the others on the bus. The word made from newspapers and magazines, but at the panels of advertising that lined the

2-1. Why was it difficult to get on the bus?



In the paper condition students read passages from the Gates-MacGinitie Reading Tests and answered multiple choice questions as shown. In the iPod condition the reading passage was displayed on the iPod (scrolled vertically using a finger on the

Interes
read So

Just In:
[Triclosan](#)

Social

Follow S
and Goo

[f](#) Face

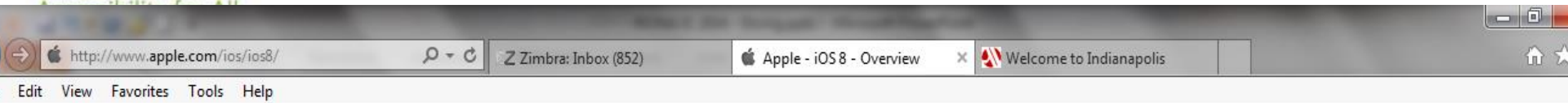
Recomm
and Goo

[f](#) Like

Other so



iOS 8 is Here!



iOS 8 Preview

What's New ▾



Our smartest keyboard ever.

iOS 8 makes typing easier by suggesting contextually appropriate words to complete your sentences. It even recognizes to whom you're typing and whether you're in Mail or Messages. Because your tone in an email may be different from your tone in a message.

[Learn more >](#)





HEALTH

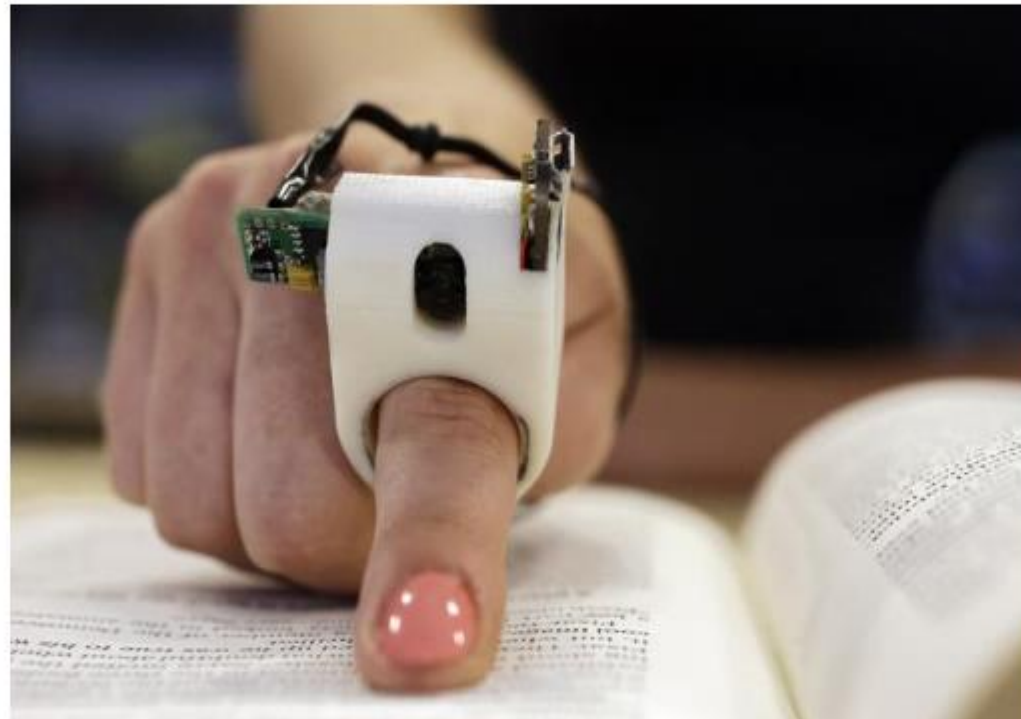


SHARE



COMMENT

MIT Finger Device Reads to the Blind in Real Time



By RODRIQUE NGOWI

Associated Press

JULY 8, 2014 1:24 AM

In this Thursday, June 26, 2014 photo, a model wears a FingerReader ring at the Massachusetts Institute of Technology's Media Lab in Cambridge, Mass. Researchers designed and developed the instrument, which enables people with visual disabilities to read text printed on paper or electronic devices. (AP Photo/Stephen Savola) AP

Ten days with Google Glass

By [Will Shanklin](#)
December 23, 2013

14 Comments
7 Pictures

www.lenscrafters.com

Official Site. Visit Us Now & Save!
Designer Eyewear, Lenses, &
More.

36

Like

54

Tweet

22

g+1



4

Pin it

8

Share

submit
reddit

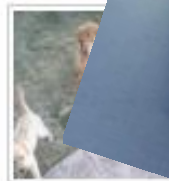
Email



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 w tech. So we thought it was fitting to sign up for the Google Glass Ex program, to give you a better idea of what Sergey Brin and comp brewing up in Mountain View. Though we aren't quite ready to di proper Google Glass review, we want to share some more thou our first ten days with Glass.



My [first few days with Google Glass](#) were mostly about the self-

Review
smartwatch



Join Us at LDA in Chicago!

gn.r20.constantcontact.com/render?llr=

Technology Lab to highligh...

Learning Disabilities Associatio...

s Tools Help



News-in-Brief

Conference in Anaheim February 2014

LDA in Anaheim
51st Annual International Conference
February 19-22, 2014

LDA & AMAC PRESENT

AT Solutions Lab

Living · Learning · Working · Playing

Dear Beth,

Creative, comprehensive use of technology and the Internet by students and teachers as the very best resource ever is the focus for the Technology Lab that will be available Wednesday through Friday at the LDA Conference. Entitled LDA/AMAC AT Solutions Lab and generously sponsored by:

AMAC| Tools for Life Georgia Institute of Technology

*Washington Assistive Technology Act Program University of Washington,
Center for Technology and Disability Studies*

[HOME](#)[ASSISTIVE TECHNOLOGY](#)[TFL NETWORK](#)[CALENDAR OF EVENTS](#)[TRAINING](#)[FUNDING](#)[PUBLICATIONS](#)[TFL WIKI](#)[MEET THE TFL TEAM](#)[MEET THE
ADVISORY COUNCIL](#)[DIRECTIONS/MAP](#)[JOIN OUR
MAILING LIST](#)[Welcome](#)[AT Services](#)[Try AT](#)[Get AT](#)[AT Guides](#)[Research](#)

LDA ANNUAL CONFERENCE

**FEB
19**Disneyland Resort & Hotel in
Anaheim, California

INTEGRATING UDL AND AT TO CLOSE

THE ACHIEVEMENT GAP

**FEB
25**Griffin RESA
440 Tilney Avenue, P O Drawer
H
Griffin, GA 30224

ATLANTA ABILITIES EXPO

**Abilities
EXPO****MAR**Georgia World Congress
Center
Atlanta, GA

Georgia's Assistive
Technology Act Program

Navigation

[Main page](#)[Categories](#)[A-Z index](#)[Help](#)

Featured Categories

[Advisory Council](#)[Events](#)[Publications](#)[Resources](#)[Training](#)[Toolbox](#)[What links here](#)Page [Discussion](#)

Read

[Edit](#)[View history](#)

Main Page

Welcome to the Tools for Life [wiki](#). Tools for Life, Georgia's Assistive Technology Act Program, gives more options for greater freedom by 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 in communities of their choice.

Frequently Asked Questions (FAQs)

- [What is Assistive Technology?](#)
- [Where can I learn about Assistive Technology devices?](#)
- [Where can I access TFL webinar archives?](#)

Recent Presentations and Activities

- [2014 International Learning Disabilities Conference \(LDA\)](#)
[LDA/AMAC AT Solutions Lab - February 18 - 21 - Anaheim, CA](#)
- [2014 GASHA - February 7 and 8, 2014 - Atlanta, GA](#)
- [2014 ATIA - January 30 to February 1 - Orlando, FL](#)
- [2013 GATE - December 6, 2013 - Atlanta, GA](#)
- [2013 Learning Disabilities Association of Indiana Annual Conference - November 15, 2013 - Carmel, IN](#)
- [2013 International Dyslexia Association of Georgia - November 12,](#)

Connect with Us

- [Tools for Life Website](#)
- [Tools for Life on Facebook](#)
- [Tools for Life on YouTube](#)

Helpful Tools

- [Tools for Life AppFinder](#)
- [Dollars & Sense Funding Guide](#)
- [gTrade Georgia's Online Equipment Exchange](#)

News

- [June 3-6, 2013 Tools for Life co-hosts IDEAS Conference in St. Simons Island, GA](#)
- [April 2013 Tools for Life AppFinder makes program spotlight on AT](#)

Meet NAO!



research

news@Vanderbilt

SEARCH

ABOUT RESOURCES SUBSCRIBE VU NEWS

Humanoid robot helps train children with autism

by David Salisbury | Posted on Saturday, Mar. 23, 2013 — 1:11 PM

Share This Story



Tweet 144 Like 1.4k +1 75

Explore Story Topics

Engineering and Technology, releases, Reporter, Research AIRA, Amy Swanson, ASD, autism, computer engineering, Esubalew Bekele, featured research, featured-Reporter, IDEAS grant, IEEE, joint attention, Julie Crittendon, kennedy center, mechanical engineering, Meredith Anne Thomas Foundation, NIH, NSF, Reporter March 29 2013, School of Engineering, TRIAD, Uttama Lahiri, zachary warren

Related Stories



Groundbreaking study finds children with autism hear and see out of sync JANUARY 15, 2014

Interactive Robot Helps Children with Autism



0:00 / 2:41

YouTube



Success with Assistive Technology and Advocacy begins with the Individual

- Get to Know Yourself
- Build your self-advocacy and Advocacy Skills
- Plan for Your Success – in school, work, Life!
- Explore & USE Assistive Technology that can Help You
- Begin with the End in Mind
- Be able to tell Your Story
- Listen & Learn
- Try – Fail & Try again...
- Evaluate and Evolve
- Laugh Much!
- Celebrate your Successes! Success Breeds Success.
- AND Visit Us at the LDA & AMAC AT Solutions Lab in Chicago!



Other Resources

Atomic Learning Tutorials

AMAC membership also provides you with access to Atomic Learning videos. Click on the **Support** Tab in the Student Download Center and click on **Atomic Learning** to access video tutorials on many widely used applications and devices such as Microsoft Office and iOS for iPad and iPhone.



Additional Resources

Family Center on Technology and Disability
<http://www.fctd.info>

WrightsLaw
<http://www.wrightslaw.com>

National Disability Rights Network
<http://www.napas.org/>

A Guide to Disability Rights Law – U.S. Department of Justice
<http://www.usdoj.gov/crt/ada/cguide.htm>

American Association of People with Disabilities
<http://www.aapd-dc.org/>

Consortium for Citizens with Disabilities
<http://www.c-c-d.org/>



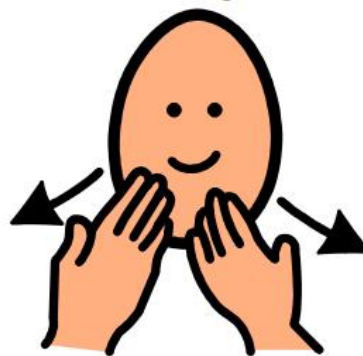
Many states have their own Disability Law or Protection and Advocacy Organizations. Links to these sites can be found on the Family Center on Technology and Disability's Website under Member Organizations.



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

Thank You!

thank you



Contact



Carolyn Phillips

Director, Tools for Life

Carolyn.Phillips@gatfl.gatech.edu



Liz Persaud

Training, Outreach and Development
Coordinator

Liz.Persaud@gatfl.gatech.edu



Daphne Brookins

AT Funding & Resource Specialist

Daphne.Brookins@gatfl.gatech.edu



Martha Rust

AT Specialist

Martha.Rust@gatfl.gatech.edu



Ben Jacobs

Accommodations Specialist

Ben.Jacobs@gatfl.gatech.edu



Rachel Wilson

Tech Match Specialist

Rachel.Wilson@gatfl.gatech.edu

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 [COA], AMAC 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.