



Georgia's Assistive
Technology Act Program

Assistive Technology for Students: What Works!

Carolyn Phillips and Sam Peters

Tools for Life | AMAC Accessibility

College of Design | Georgia Institute of Technology

With contributions from the TFL Team

Atlanta International School

September 29, 2017

www.gatfl.gatech.edu

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

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
- 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.

What is AMAC?

AMAC works with colleges and universities to provide students with textbooks in formats that best meet their needs, including:
E-Text, Audiobooks, and Braille.

How does AMAC work?

Students meet with their disability services office to place an order for their textbooks in the preferred format



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

Student Download Center



Home

My Requests

My Orders

Software

Support

My Profile

Welcome to the AMAC Student Download Center



Go to My Orders to:
Download your completed electronic book files.
Check the status of your book orders.



Go to My Requests to:
Place an AMAC order for your textbook.



Go to Software to:
Download software for your computer.



Go to Apps to:
Download apps for your iPad/iPhone.



Go to Support, and click Student Support Resources to view
descriptions of software and video tutorials.

Get started with how-to videos below.

Signed in as:
AMAC (amac@amac.gatech.edu)
[Sign Out](#)

Connect with Us



Tour of the AMAC Student
Download Center



Downloading Books



ClaroRead Overview



Intro to PDF Equalizer

STUDENT DOWNLOAD CENTER

COPYRIGHT © 2011 AMAC. ALL RIGHTS RESERVED.

Tools for Life: Georgia's AT Act Program



- Tools for Life is a program of AMAC Accessibility Services, Georgia Tech
- We serve individuals of all ages & disabilities in Georgia
- TFL Network
 - Assistive Technology Resource Centers/Outreach Sites
 - Lending Libraries
 - Training and Demonstrations
 - AT Reuse
 - AT Funding Education/Assistance and Resources
- Online Resources
 - www.gatfl.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.



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 or Donate Your Gently Used AT & DME



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.

2015 IDEAS CONFERENCE

JUN
1

Epworth by the Sea, St. Simons
Island

2015 GATE SEMINAR

DEC
4

Georgia Tech Student Center

WEBINARS

MAY
7

Exploring College and Career
Readiness through Assistive
Technology

- Current Webinar Schedule
- Webinar Archives

TOOLS FOR LIFE APPFINDER



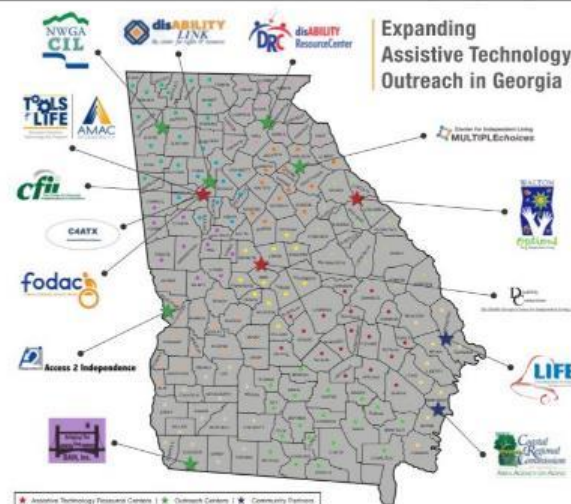
...for Living, Learning, Working, and Playing.

AT ONLINE EXCHANGE



Tools for Life Network

Assistive Technology Resource Centers, Outreach Centers, Community Partners and Affiliates



GEORGIA'S AGING & DISABILITY RESOURCE CENTERS

<ul style="list-style-type: none"> Atlanta Regional Commission Aging Division Cherokee County Aging Resource Center DeKalb County Aging Resource Center East Cobb Aging Resource Center Eastman Aging Resource Center Eastman Aging Resource Center Eastman Aging Resource Center Eastman Aging Resource Center Eastman Aging Resource Center Eastman Aging Resource Center 	<ul style="list-style-type: none"> Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center 	<ul style="list-style-type: none"> Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center Georgia State University Aging Resource Center
---	--	--

AT Acquisition!



- Tools for Life endeavors to break down the barriers which prevent individuals with disabilities, their families, and service providers from acquiring and effectively using Assistive Technologies to gain greater independence.
- To insure that AT products are available to Georgians with disabilities
- Eliminate Funding Barriers



Consider This:

Our 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!
- Building win-win-WIN relationships
 - Establishing a solid circle of support
 - Receiving and providing support
 - Diversify your Circle of Friends and Acquaintances
 - It sometimes is “Who you know”
 - BALANCE – Social Life and Studies

Successful Transitions Help Create a Successful Life Journey



Teach Students to:

- Get to know themselves
- Plan for Success – in school, work, life!
- Begin with the end in mind
- Be able to tell their story
- Listen & Learn
- Try – Fail & Try again...
- When things get off track - Evaluate and Evolve
- Explore & USE Assistive Technology
- Laugh much!
- Celebrate their successes!!

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.

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 Assistive Technology! I have yet to meet a successful student with disabilities who doesn't use Any AT.



What is Assistive Technology?

Assistive Technology Device

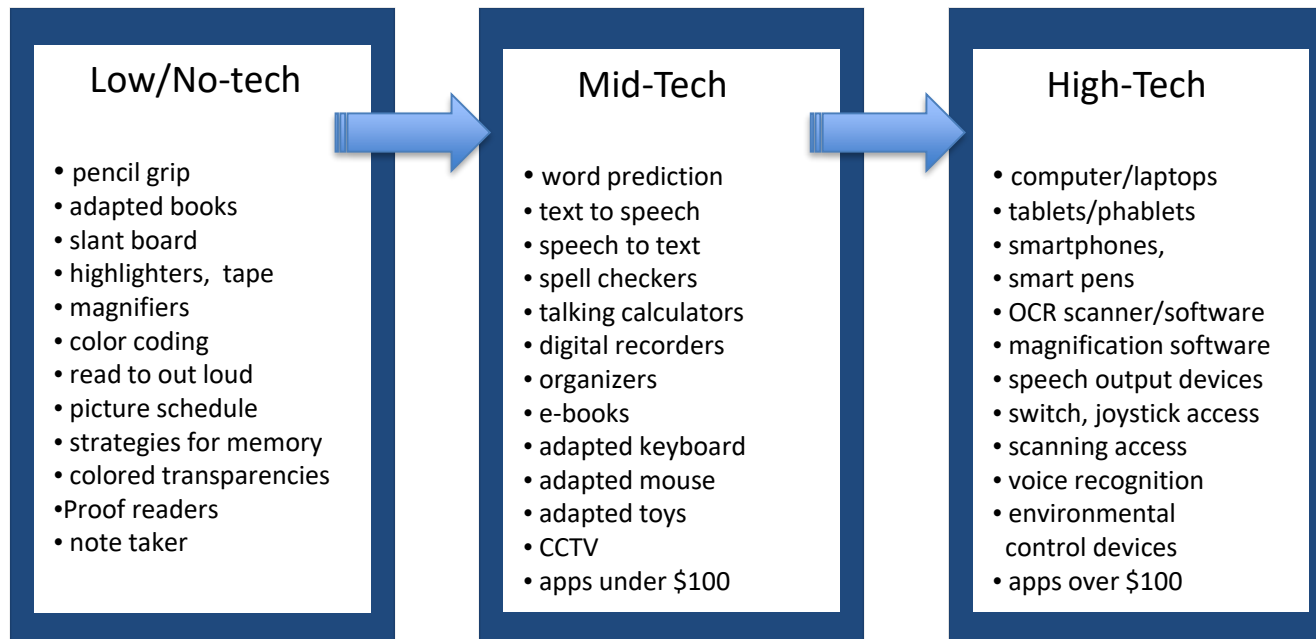
...any item, piece of equipment or product that is used to increase, maintain or improve functional capabilities of individuals with disabilities.

- Public Law 105-394 [29 USC 2201]

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 Continuum



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

Information to AT Action Plan



- What does this information tell us regarding our 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

Developed by Cook & Hussey

The SETT Framework

S = Student/Skills

E = Environment

T = Tasks

T = Tools

Adapted from Joy Zabala www.joyzabala.com



SETT

By Joy Zabala



You're Among Greatness!



Research shows that language-based learning disabilities affect 1 out of 5 people. This list is just a small example of notable people with learning disabilities, proving the point that you are among greatness!

Jennifer Anniston	Henry Ford	Ted Turner
Walt Disney	Cher	Simone Biles
Ryan Gosling	John Lennon	Magic Johnson
Keira Knightly	Adam Levine	Ted Turner
Tom Cruise	Ozzy Osbourne	Michael Phelps
Will Smith	Justin Timberlake	Tim Tebow
Whoopi Goldberg	John F. Kennedy	George Lucas
Pablo Picasso	Winston Churchill	Helen Keller
Leonardo da Vinci	Benjamin Franklin	Sir Isaac Newton
Andy Warhol	George Washington	Vincent van Gogh
Alexander Graham Bell	Albert Einstein	Harriet Tubman
Thomas Edison	Stephen Hawking	James Earl Jones
Anderson Cooper	Steve Jobs	Ludwig von Beethoven

AT Solutions!

Mobile Tablets/eReaders

What do I need?

Does it read out loud?

Do I need Apps?

Change colors?

Change line spacing?

Textbooks?

Fun Reading?



Microsoft Surface Pro and Surface Book

Windows 10

- New and improved Internet Explorer (Microsoft Edge)
 - On-screen writing and highlighting features
- Moveable tiles
 - Start Menu can be personally organized
- Built-in accessibility
 - Speech-to-text
 - Narrator
 - Magnifier
 - High contrast

Slim and has a USB port

This pressure sensitive cover that doubles as a keyboard



Windows 10 Update

Customers who use assistive technologies can upgrade to Windows 10 at no cost



If you use assistive technologies, you can upgrade to Windows 10 at no cost as Microsoft continues our efforts to improve the Windows 10 experience for people who use these technologies.

With the Windows 10 Anniversary Update, we've taken a number of steps to improve the accessibility of Windows 10. To learn more, read our [blog](#) that details some of these improvements.

Before you upgrade, please check with your assistive technology provider(s) to learn more about their software compatibility with Windows 10.

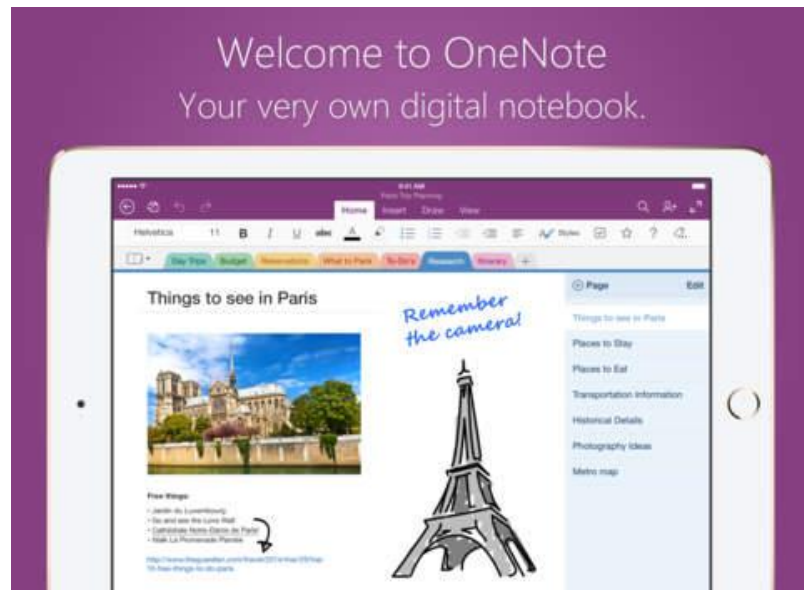
If you want Windows 10 now and are ready to take advantage of the upgrade offer, select the button below to get started.

Yes, I use assistive technologies and I am ready for my upgrade to Windows 10.*

UPGRADE NOW >

Microsoft OneNote

- Crosses all platforms
- Type, write, or draw with the free form feel of pen and paper
 - Use stylus or finger
- Search and clip from the web to picture ideas
- Brings students together in a collaborative space or can give individual support in private notebooks



Windows taskbar: Chrome, PowerPoint, File Explorer, Word, OneNote, Transitions, Animations, Slide Show, Review, View, Format, Tell me..., Peters, Samantha, Share.

OneNote window: Samantha @ Georgia Institute of Technology | Peters, Samantha

Home | Insert | Draw | View | Class Notebook

Calibri | 11 | **B** | *I* | U | [Color] | [Background Color] | [Bulleted List] | [Numbered List] | [Decrease Indent] | [Increase Indent] | [Checkmark] | Heading 1

< Samantha @ Georgia Institute of Technology 🔍

Quick Notes	Assistive technology is...

Assistive technology is fun!

Welcome!

| ★ Remember important information here

Assistive technology → Success!

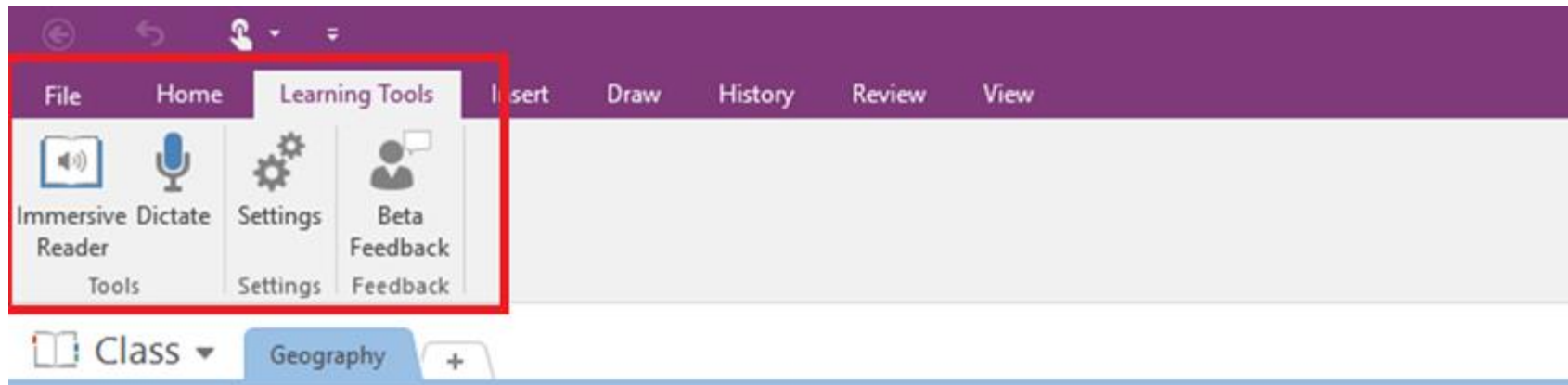
+ Section | + Page

Windows taskbar: Type here to search | [Taskbar Icons] | 10:36 AM 9/26/2017

OneNote Learning Tools

Feature	Proven Benefit
Enhanced dictation	Improves authoring text
Focus mode	Sustains attention and improves reading speed
Immersive reading	Improves comprehension and sustains attention
Font spacing and short lines	Improve reading speed by addressing "visual crowding"
Parts of speech	Supports instruction and improves writing quality
Syllabification	Improves word recognition
Comprehension mode	Improves comprehension by an average of 10%

Learning Tools Toolbar



United States Geography

Wednesday, July 29, 2015 6:41 PM

The study of Earth's landforms is called physical geography. The seasons, the atmosphere and all the natural processes of Earth affect where people are able to live. Landforms can be mountains and valleys. They can also be glaciers, lakes or rivers. Landforms are sometimes called physical features. Geography is one of a combination of factors that people use to decide where they want to live.

Android Tablets

- Many different options for user preference
 - Amazon Fire
 - Samsung Galaxy
 - Lenovo Yoga
 - Asus ZenPad
- Wi-Fi compatible
- Some accessibility built in



Apple iPads

- Three sizes/varieties
 - iPad Pro
 - 10.5 inches and 12.9 inches
 - iPad
 - 9.7 inches
 - iPad mini 4
 - 7.9 inches
- iOS 11
- “Hey Siri”
- Countless apps
- Organization
- Accessibility
- High quality photos



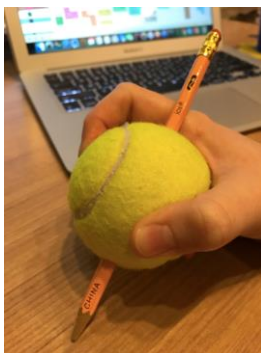
AT Solutions for Reading and Writing

Low Tech AT Solutions



Low Tech AT Solutions for Writing

- Built-in pen and pencil grips
 - Variety
 - Can build you own with a tennis ball or ping-pong ball
- Wide barrel pens and pencils
 - Makes it easier for some people to write due to their contoured shape.
 - There is more surface area to grip which makes it easier to write.



Low Tech AT Solutions for Writing cont.

The PenAgain

- Takes a novel ergonomic approach to ink pen and mechanical pencil designs
- Body of the pen/pencil is shaped like a “Y” and creates a cradle for the index finger to rest in



Original PenAgain



ErgoSleek



Twist 'n Write
Pencil



ErgoSof

Livescribe is the global leader in the design and manufacturing of smartpens, enabling customers to capture, search and share handwritten notes on the digital devices they use every day.



Livescribe Pens

Echo

- Record and playback
- Save, search, and organize
- Send and share



Livescribe 3

- Uses Bluetooth Smart to send everything you write to your smartphone or tablet
- Saves written notes in memory



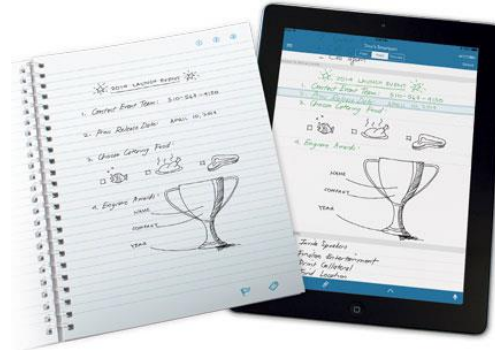
Livescribe Tools Cont.

Livescribe+ Mobile App

- Stores and organizes everything you write on paper
- Uses leading handwriting conversion technology to make it simple to search your notes for what you need
- Available for iOS, Android, and Amazon devices

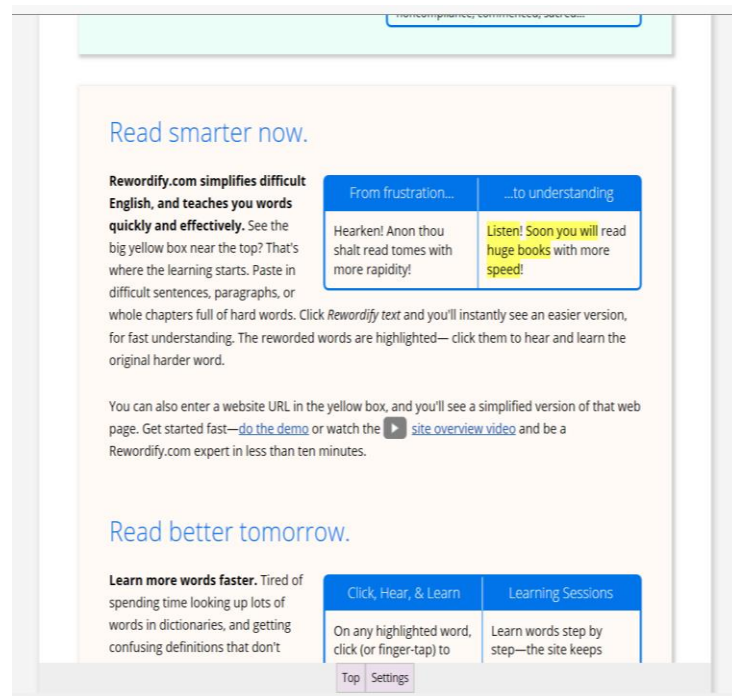
Livescribe Dot Paper

- Feature an innovative dot pattern that tells the smartpen precisely what you've written or drawn



“Rewordify is a free website that makes English easier to read. In some ways it is similar to a thesaurus, but allows users to enter not just single words, but entire sentences, pages, and even websites, for clarification. Passages are preferred, as difficult words are 'rewordified' using the context of the sentence. For example, paste in "The tempest raged outside while the throng huddled inside.", and it is 'rewordified' into, "the storm raged outside while the crowd huddled inside.”

Students can use this tool to make passages more understandable. Simplified words are highlighted for quick comparison with the original word(s).”



The screenshot shows the main interface of the Rewordify.com website. At the top, there's a navigation bar with links like Home, About, Contact, and Privacy Policy. Below this, the main heading is "Read smarter now." followed by a sub-heading "Rewordify.com simplifies difficult English, and teaches you words quickly and effectively." The text explains the tool's purpose and provides instructions on how to use it. A table with two columns, "From frustration..." and "...to understanding", shows a comparison between a difficult sentence and its simplified version. Below this, there's a section for "Read better tomorrow." with a sub-heading "Learn more words faster." and another table with two columns, "Click, Hear, & Learn" and "Learning Sessions", showing how the tool helps with word learning. At the bottom, there are links for "Top" and "Settings".

Read smarter now.

Rewordify.com simplifies difficult English, and teaches you words quickly and effectively. See the big yellow box near the top? That's where the learning starts. Paste in difficult sentences, paragraphs, or whole chapters full of hard words. Click [Rewordify text](#) and you'll instantly see an easier version, for fast understanding. The reworded words are highlighted—click them to hear and learn the original harder word.

You can also enter a website URL in the yellow box, and you'll see a simplified version of that web page. Get started fast—[do the demo](#) or watch the [site overview video](#) and be a Rewordify.com expert in less than ten minutes.

Read better tomorrow.

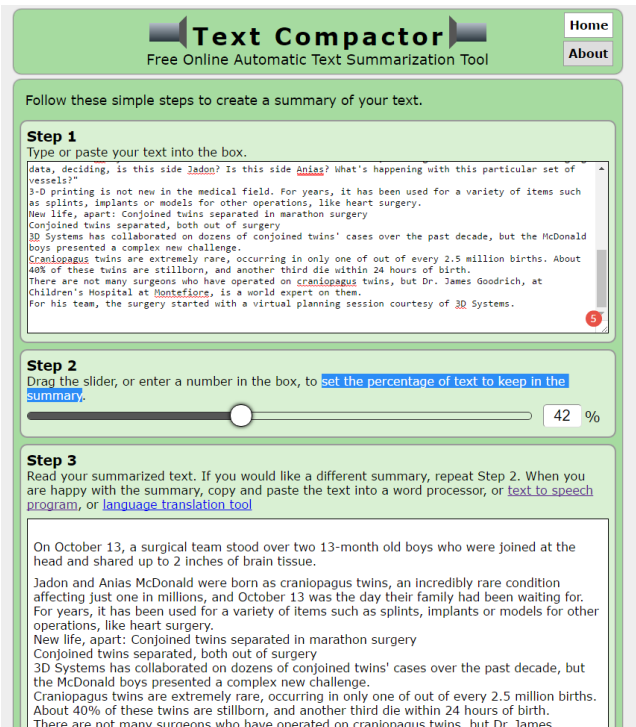
Learn more words faster. Tired of spending time looking up lots of words in dictionaries, and getting confusing definitions that don't

From frustration...	...to understanding
Hearken! Anon thou shalt read tomes with more rapidity!	Listen! Soon you will read huge books with more speed!

Click, Hear, & Learn	Learning Sessions
On any highlighted word, click (or finger-tap) to	Learn words step by step—the site keeps

[Top](#) [Settings](#)

- Free Online Automatic Text Summarization Tool
- Set the percentage of text to keep in the summary
- Cut and Paste into text to speech word program



The screenshot shows the 'Text Compactor' website interface. At the top, there is a green header with the title 'Text Compactor' and the subtitle 'Free Online Automatic Text Summarization Tool'. To the right of the header are links for 'Home' and 'About'. Below the header, a green box contains the instruction: 'Follow these simple steps to create a summary of your text.' The interface is divided into three steps:

- Step 1:** 'Type or paste your text into the box.' A text area contains a paragraph about conjoined twins, Jaden and Anias McDonald, and their surgery. A red '5' icon is in the bottom right corner of the text area.
- Step 2:** 'Drag the slider, or enter a number in the box, to set the percentage of text to keep in the summary.' A slider is shown with a value of 42%.
- Step 3:** 'Read your summarized text. If you would like a different summary, repeat Step 2. When you are happy with the summary, copy and paste the text into a word processor, or [text to speech program](#), or [language translation tool](#).' A text area contains the summarized text.

Bookshare



- Online Accessible Library
- Free membership to qualified students and schools
 - Textbooks if school is member
- 389,675 titles
- Serves individuals with:
 - Vision disabilities
 - Physical disabilities
 - Learning disabilities



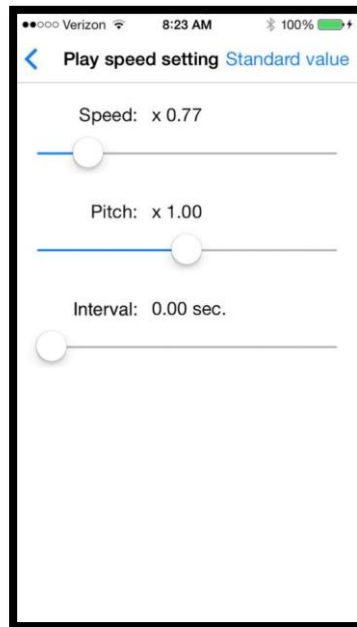
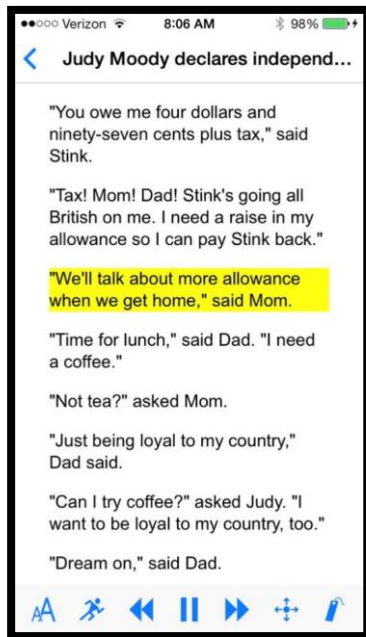
- Digital audiobooks
- Read by Hollywood stars, authors, and professional narrators
- Listen anywhere
- Over 180,000 titles
- Membership
 - \$14.95/ month for one book



Learning Ally



- [DAISY](#)
- Membership required
 - Free trial
- Over 75,000 audiobooks, audio textbooks, and other recorded books



Learning Ally 
TOGETHER IT'S POSSIBLE



Reading & Writing Software Solutions

BeeLine Reader

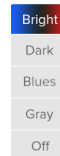


- Chrome Extension
- Read by using a color gradient that guides your eyes from the end of one line to the beginning of the next
- Read websites, books, email, and PDFs
- App form too
- 30 days free trial
 - \$10/year

HOW IT WORKS

Ever wonder why stop lights use colors and not words? It's because the human brain processes color very quickly—much more quickly than it can process words. BeeLine Reader uses the same principle to make reading easier and faster. With BeeLine Reader, the color of the text guides your eye across and between lines, eliminating "line transition errors" (accidentally skipping or repeating lines) and making reading faster, easier and more efficient.

BeeLine Reader is helpful for readers of all levels—from young readers to graduate students and beyond. Readers with dyslexia, ADD, and vision difficulties reap some of the largest benefits from BeeLine Reader, with speed increases that can top 50%. How much will BeeLine Reader help you? Try the BeeLine Reading Challenge and find out!



- Reads text as it highlights
- Moveable tool bar
- Can read doc, PDFs, internet, and more
- 7.0
 - Add audio notes
 - Save as mp3 file
 - Save as video
- Can change highlighting colors
- www.claroread.com



TextHelp

- Text-to-Speech software
- Helps improve reading skills
- Built in text and picture dictionaries
- Study skills highlighter
- Has a Google Chrome version
- www.texthelp.com



Read&Write Toolbar

Grammar Check

Word Prediction

Dictionary

Picture Dictionary

Homophones

Verb Checker

Pause, Stop, Play

Capture

Mp3 File maker

Daisy Reader

Scanner

Fact Checker

Fact Mapper

Screen Masking

Speech Input

Translator

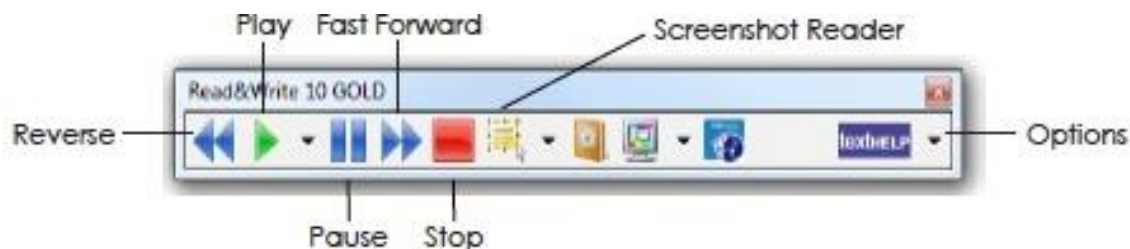
PDF Aloud

Word Cloud

Read&Write Gold

Read&Write Gold

- PC and Mac Compatible
- PDFs, DOCs, DAISY, and Webpages
- Synchronous highlighting



Read&Write Gold (additional features)

Read & Write Gold

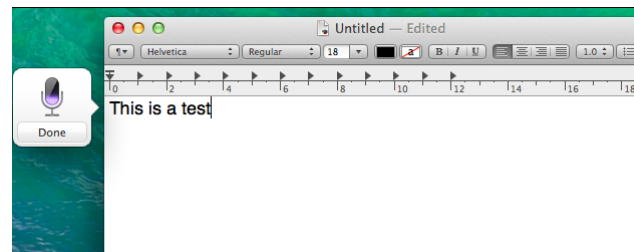
- Multiple tool bars to assist with study skills, research and writing



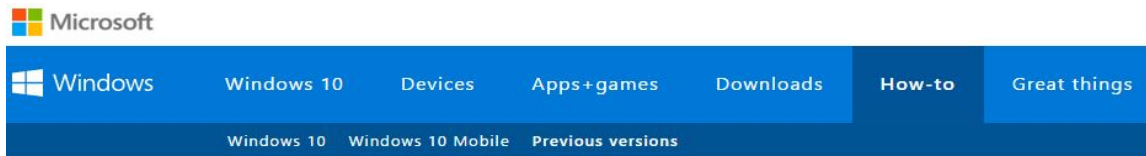
Voice Input Solutions

Built In Dictation

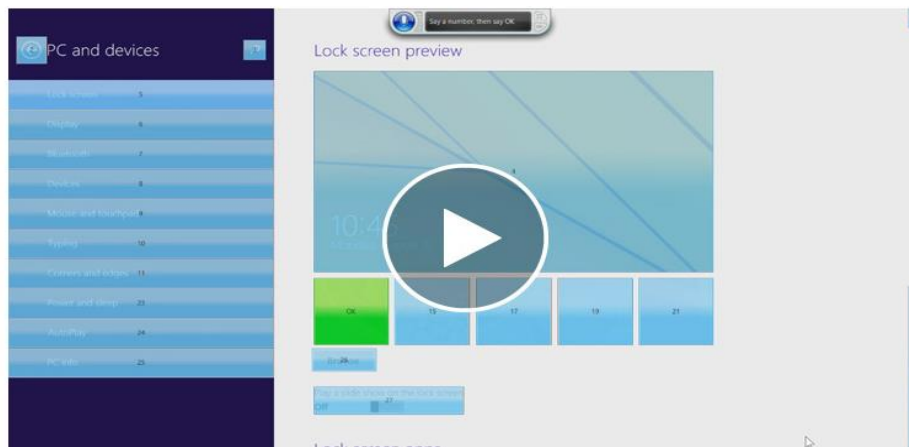
- Voice Dictation in Mac
- Speech recognition in PC
- Free
- Good microphone
- PC some training
- Mac no training




Speech Recognition - Windows



How to use Speech Recognition



Speech Recognition - Mac



The screenshot shows a web browser window with the URL <https://support.apple.com/en-us/HT202584>. The page title is "Use your voice to enter text on your Mac". Below the title, it says "The Dictation feature converts your spoken words into text." and "Set up Dictation". The instructions are as follows:

Choose Apple menu () > System Preferences, click Keyboard, then click Dictation. Turn on Dictation and choose from these Dictation options:

- Choose whether to use **Enhanced Dictation**, which lets you use dictation when you're not connected to the Internet.
- Choose your language and dialect. Some languages, such as English, have multiple dialects.
- Choose the keyboard shortcut you will use to start dictating.
- Choose your preferred microphone from the pop-up menu below the microphone icon.

Below the list, there is a screenshot of the "Keyboard" system preference window. The "Dictation" tab is selected. The text at the bottom of the window says: "Use Dictation wherever you can type text. To start dictating, use the shortcut or select Start Dictation from the Edit menu."

Speech Recognition Software

- Turn spoken words into text
- Connect with the timing of your thoughts
- Dictation speed 70 to 100 words per minute

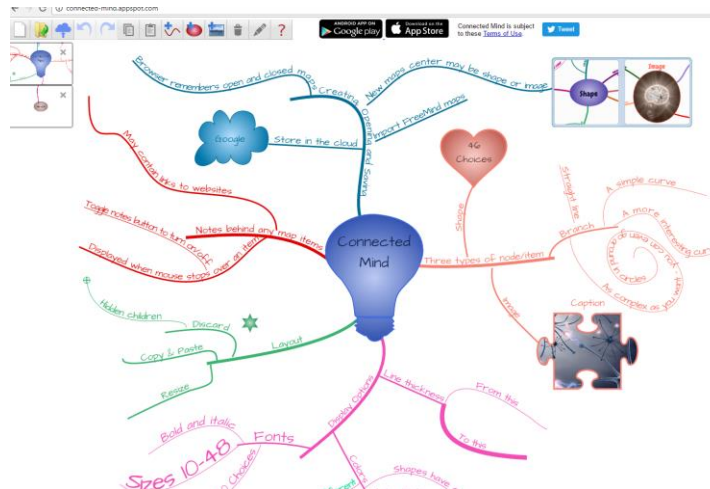


- Online grammar and spell checker
- Can see corrections as you type or use Ginger Proofreader to scan the entire document for mistakes
- Will read corrections out loud
- Has a mobile Android, iOS and Windows
- Works inside Word and emails
- Text to Speech
 - Read emails and docs
 - Can choose voice and accent
- [Ginger Demo](#)



Connected Mind

- Chrome App
- Mind mapping
- Sync across devices
- Free cloud storage
- Different shapes and colors
- Import pictures
- Draw
- Speech Recognition



Inspiration

- Mind Mapping software
- Allows User to “connect” ideas together
- Add in pictures and hyperlinks
- Can produce an outline form
- Better organization of essays
- \$27.96
- App \$9.99



Memory & Cognitive Supports

- Calendar & Reminder Software
- Friendly Interface Layout

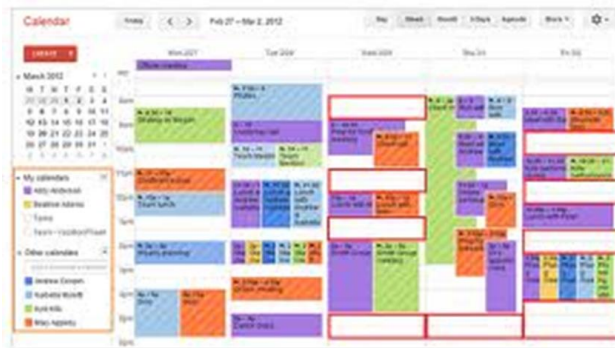


vs.



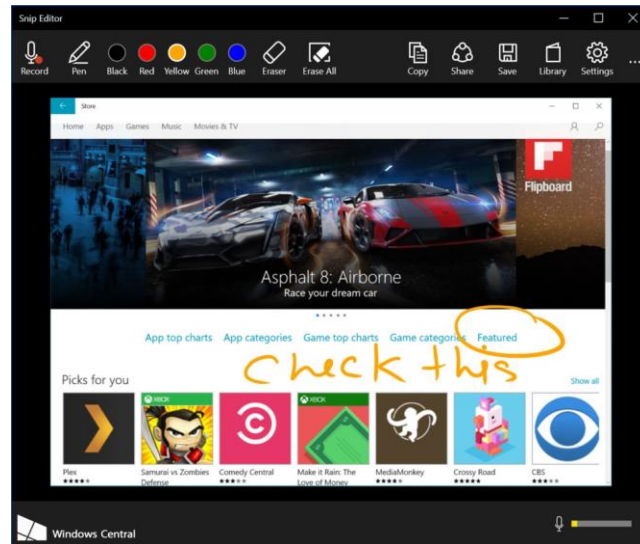
Google Calendar

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



Snip

- Free app through Microsoft Store for web browser
- Click and drag to capture any window or area of your screen
- Also can make notes or draw on your “snip”
- Send your “snip” as a URL or save it



What's New In AT and the AT Community:

Perhaps, Where We Are Going

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

Apple Watch

- Receive Calls and texts
 - “Inner Circle”
- Apps
- Can be used for fitness
 - Heart Rate Monitor
 - GPS
 - Accelerometer
- “Hey Siri”
- Haptic feed back
- Calendar
- Reminders
- \$499



Breathe on Apple Watch

- The Breathe app guides you through a series of deep breaths, and it will remind you to take time to breathe every day.
- Choose how long you want to breathe, then let the animation and gentle taps help you focus.



Google Chrome Add-ons

Grammarly

- Corrects grammar while typing in Chrome browser

Beeline Reader

- Uses a color gradient to guide your eyes from the end of one line to the beginning of the next

TabJump

- Highlights frequently used tabs and related tabs so you can easily jump between them
- Protects tabs from being accidentally closed and can restore closed tabs

Wunderlist

- Makes it easy to share your lists and collaborate with everyone in your life
- Instantly syncs between your phone, tablet and computer, so you can access your to-do lists from anywhere

TFL Gaming Initiative



- There are many benefits to playing games
 - Improved Hand/Eye coordination
 - Increased problem solving and cognitive function
 - Better handle stressful environments
 - Social outlet
- Tools for Life has recognized the importance of play and is starting an initiative dedicated to gaming with disabilities. Some objectives of the program are:
 - Demonstrate the accessibility of gaming
 - Build relationships with developers and aid in creating more accessible games
 - Increase public awareness of the importance of accessibility in games

Trends in Gaming

- Research points to attention difficulties in being a key component of dyslexia. One study has shown that people with dyslexia improved their reading comprehension following sessions of games heavy on action.
- It is believed the constantly changing environments require more intense focus.
- <http://www.scientificamerican.com/article/video-games-make-treat-dyslexia/>



- FRU is a puzzle platformer that features an innovative use of Kinect, in which your silhouette becomes a "portal" between two worlds.
- Encourages physical movement, activity, and cognitive function.
- Can be played individually or cooperatively.
- <https://www.youtube.com/watch?v=pH2zzMEBb7E>

T. Jacket

- Wearable technology vest
- Provides customizable deep touch pressure
 - Uses adjustable air pressure compression controlled via smartphone app
 - <http://www.mytjacket.com/>



Amazon Echo/ Dot



- Speech-controlled speaker system
- Voice recognition - further distances
- All functions are server-side
- Compatible with many EC brands
- IFTTT App



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



...iving, 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.

Appfinder Search



[HOME](#) [ASSISTIVE TECHNOLOGY](#) [TFL NETWORK](#) [CALENDAR OF EVENTS](#) [YouTube](#) [Facebook](#) [Twitter](#)

[Go](#)

[TRAINING](#)

[FUNDING](#)

[PUBLICATIONS](#)

[TFL WIKI](#)

[MEET THE TFL TEAM](#)

[MEET THE
ADVISORY COUNCIL](#)

[DIRECTIONS/MAP](#)

[JOIN OUR
MAILING LIST](#)

[SCHEDULE A TOUR](#)

[AT REFERRALS](#)

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

Please select

AAC

Aging

Amplifiers

Art

Audiobook

Books

Color Identifiers

Color Readers

Communication

Computer Access

E-Books

Education

Elementary

Emergency Preparedness

Emergency Reminders

Environmental Adaptations

Games

Geography

Handwriting

Price:

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

Device Type:

☐ Android
☐ iOS
☐ Microsoft
☐ Blackberry

WEBINARS

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

TOOLS FOR LIFE APPFINDER



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

AT ONLINE EXCHANGE



AT FUNDING GUIDE

DOLLARS & SENSE
NAVIGATING THE AT FUNDING STREAM

AMAC
SIBILITY



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

MAC
SIBILITY



Universal Design For Learning And Accommodations

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



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

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

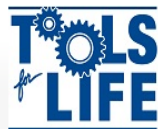
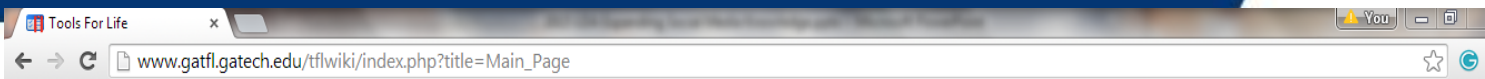
Griffin RESA
440 Tilney Avenue, P O Drawer
H
Griffin, GA 30224

ATLANTA ABILITIES EXPO



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
Related changes
Special pages
Printable version
Permanent link

Page [Discussion](#)

Read

[View source](#)

[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

- [2015 ATIA Orlando - January 29-31, 2015 - Orlando, FL](#)
- [Visiting Nurse Health System, Exploring AT Services in Georgia - December 18, 2014 - Atlanta, GA](#)
- [2014 Decoding Dyslexia - December 13, 2014 - Georgia Tech, Atlanta, GA](#)
- [2014 SILC and TFL Atlanta Town Hall - December 9, 2014 - Atlanta, GA](#)
- [2014 GATE Seminar - December 5, 2014 - Georgia Tech, Atlanta, GA](#)
- [2014 GSU Rehabilitation Counseling Improving Independence through AT - November 12, 2014 - Atlanta, GA](#)
- [2014 LeadingAge Georgia Conference - November 6, 2014 - Atlanta, GA](#)
- [Gwinnett Technical College - October 30, 2014 - Atlanta, GA](#)
- [2014 High School High Tech - October 23, 2014 - Dublin, GA](#)
- [2014 Georgia College & Career Readiness Institute - September 25-26, 2014 - Macon, GA](#)
- [LDA Webinar: AT 101 - Understanding and Advocating for Assistive Technology - September 18, 2014 - Webinar](#)
- [2014 GPA Annual Conference - September 3-5, 2014 - Savannah, GA](#)

Connect with Us

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

Helpful Tools & Resources

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

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 Connects website](#)
- [April 2013 Our Favorite Apps spotlight on AT Program News](#)

The Tools for Life Team



Carolyn Phillips

Director, Tools for Life

carolyn.phillips@gatfl.gatech.edu



Justin Ingham

Support Specialist

jingham3@gatech.edu



Samantha Peters

Program Specialist

speters37@gatfl.gatech.edu



Sarah Endicott

Research Scientist

sarah.endicott@design.gatech.edu



Asha Kumar

AT Lab Specialist

asha.kumar@gatfl.gatech.edu



Liz Persaud

Training and Outreach Coordinator

liz.persaud@gatfl.gatech.edu



Tori Holder

Outreach Specialist

tori.holder@gatfl.gatech.edu



Ben Jacobs

Accommodations Specialist

ben.jacobs@gatfl.gatech.edu



Martha Rust

AT Specialist

martha.rust@gatfl.gatech.edu



Danny Housley

AT Funding & Resource Specialist

danny.housley@gatfl.gatech.edu



Krista Mullen

Speech Language Pathologist

krista.mullen@gatfl.gatech.edu



Rachel Wilson

AT Specialist

rachel.wilson@gatfl.gatech.edu



Disclaimer



Disclaimer: Produced by Tools for Life (TFL), which is a result of the Assistive Technology Act of 1998, as amended in 2004. TFL is a program of the Georgia Institute of Technology, College of Design, AMAC Accessibility Solutions and Research Center and was made possible by Grant Number H224C030009 from the Administration for Community Living. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of HHS.