



Living Your Best Life: The Power of Assistive Technology

Carolyn Phillips, Director & PI, Tools for Life
With contributions from Christopher Lee & the TFL Team

www.gatfl.org

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

**GATE 2016
Georgia Tech
Student Center
December 9, 2016**

www.amacusg.org





Living Your Best Life: The Power of Assistive Technology!

This session will focus on a personal journey of living with learning disAbilities and the transformational power of assistive technology (AT). We will explore the collective role each of us play in promoting student success beyond the educational environment and the powerful role of AT in this process. We will examine outcomes that can occur when self-advocacy, inclusion, universal design for learning and appropriate assistive technology solutions are integrated into the lives of individuals with disAbilities. This session will provide participants with helpful tips, opportunities to explore emerging trends and identify specific AT strategies and solutions to promote success in the school setting and that can ultimately assist with smooth transitions into the workplace and community.

...all in 60 minutes!

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



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!
- YOU have the Power to make the Difference!
 - Change vs. Progress (Bob Phillips)





Guiding Principle

- Disability is a natural part of the human experience and in no way diminishes the right of individuals to—
 - (A) live independently;
 - (B) enjoy self-determination and make choices;
 - (C) benefit from an education;
 - (D) pursue meaningful careers; and
 - (E) enjoy full inclusion and integration in the economic, political, social, cultural, and educational mainstream of society in the United States.

L. J.
VS.
Frances V. Phillips



Two

Numbers and Letters, Stand Still!

Up and Over And in-between, The Letters, Words, Paragraphs Wash Over Me. Like a thunderstorm In Georgia on a summer afternoon Fall of Sound and Fury

I am drenched
and overwhelmed
I search the puddles
(now muddy)
I sift and sort
and wash clean the concepts
I then send those thoughts
to You.
I struggle to be understood
by you
Do you understand?
I am now Clear as Mud.

—Carolyn Phillips

Why Am I Here Today?

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



Meera & her Amazon Echo

- <https://www.youtube.com/watch?v=fZ08LcDqyO4>



Amazon Echo

amazon echo

Always ready, connected, and fast. Just ask.



- Speech-controlled speaker system
- Voice recognition - further distances
- All functions are server side
- Compatible with many EC Brands
- \$179.99

Philips Hue Light Bulbs

- Wifi Connected
- Dimmable
- Displays Over 16 Million Colors
- Compatible with Amazon Echo
- Color Starter Kit
\$174.99



Consider this -



- My Success relies on
 - Knowing Myself
 - Self-Exploration
 - Who Are You?
 - Learning Style
 - What is Your Learning Style?
 - Honestly Exploring –
 - What do I want to Do When I Grow Up?
 - What Assistive Technology do I need to accomplish my Goals?

Consider this -



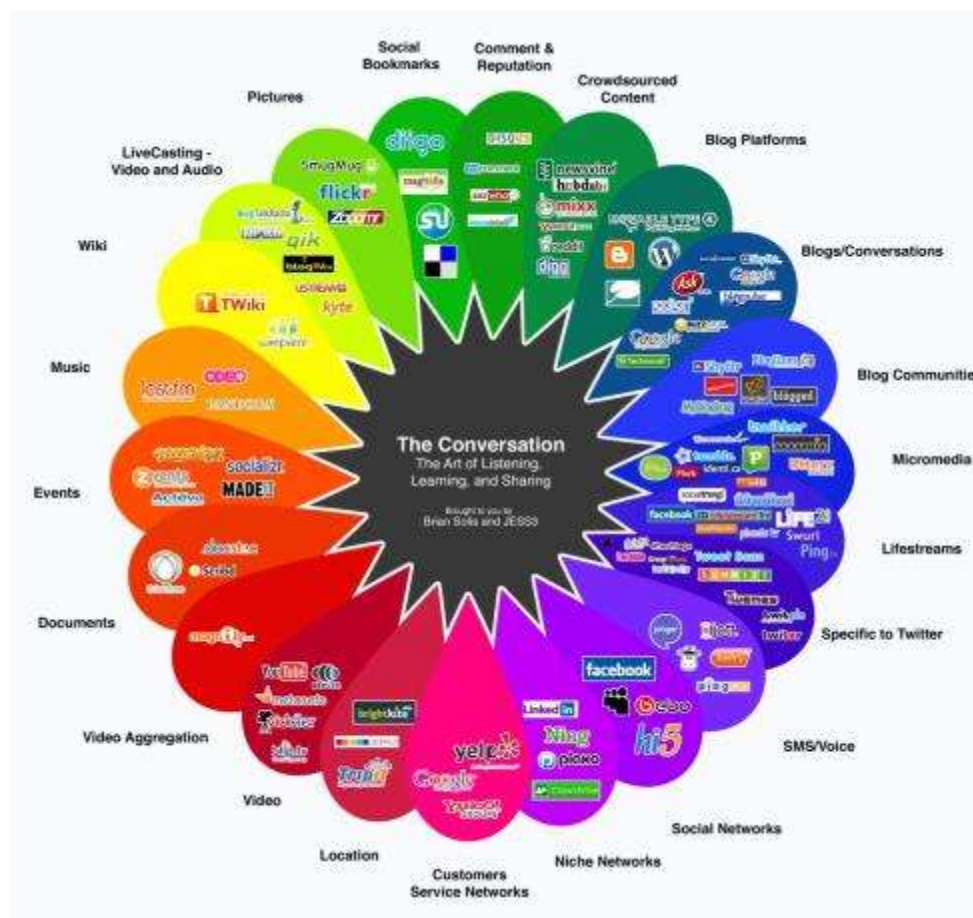
- My Success relied on
 - Communication about My disAbilities
 - Understanding My disAbility
 - Language is Powerful
 - Talking with Housemates, Partners, Professors and Employers about my specific disAbilities
 - And Listening
 - Understanding My Weaknesses
 - Understanding My Strengths



Critical Conversations: Questions to Consider

- How did You see yourself?
 - Strengths
 - Areas of weakness
- Talk with me about your disability.
- Where are You Headed?
 - Got a Map?
- What do You Consider to be Success?
- What is Your Vision for Your Future?
- What is Our Collective Vision for the Future?
- Who is in/needs to be in Your Circle of Support?

Living Your Best Life through...





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

TextHelp

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



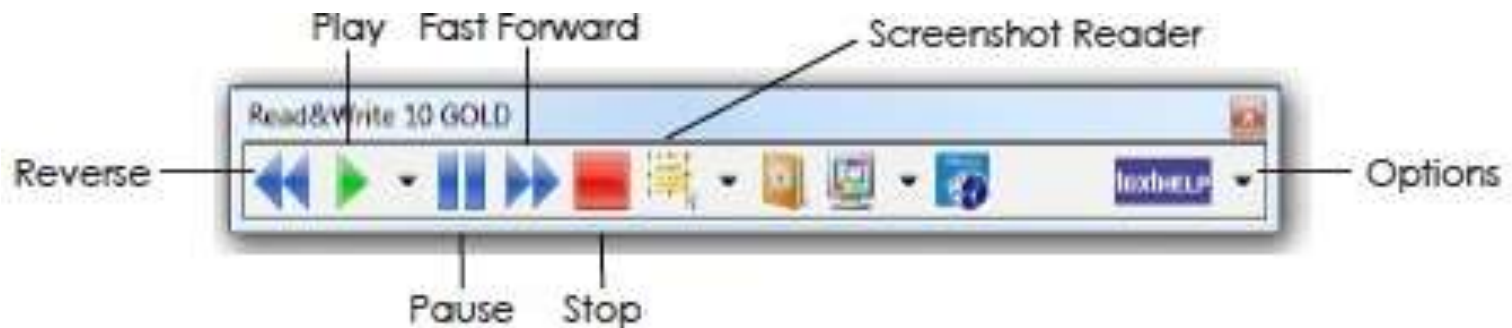
TextHelp

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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



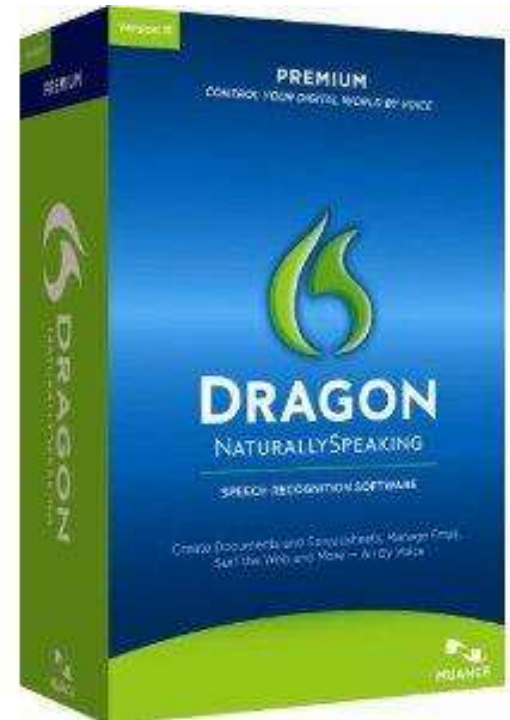
Ginger

- 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](#)



Speech Recognition Software

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



Speech Recognition

Windows

Windows 10

Devices

Apps+games

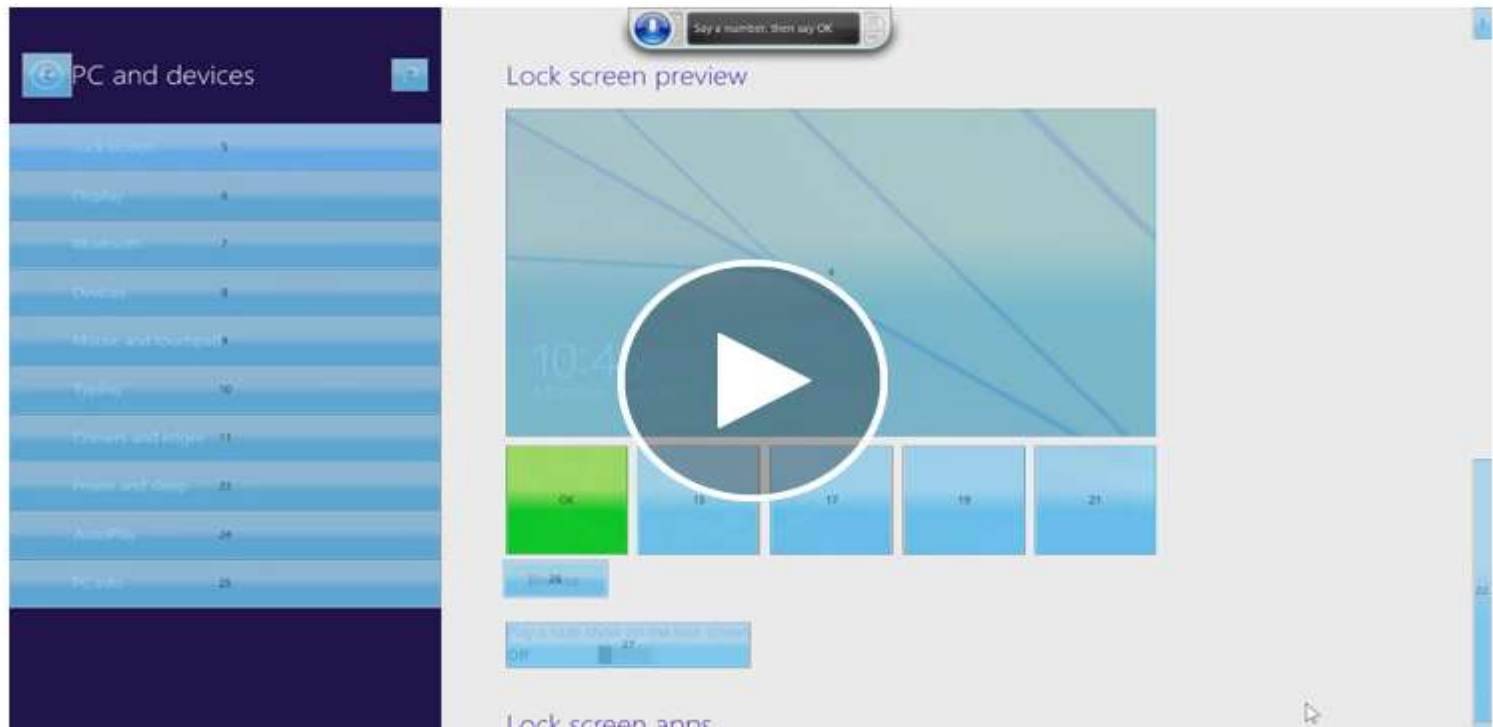
Downloads

How-to

Great things

Windows 10 Windows 10 Mobile Previous versions

How to use Speech Recognition



The screenshot shows the Windows 10 'How to use Speech Recognition' help page. On the left is a navigation pane titled 'PC and devices' with a list of topics and their corresponding page numbers:

- Lock screen preview 3
- Display 4
- Mouse and touch 7
- Devices 8
- Mouse and touchpad 9
- Typing 10
- Drivers and edges 11
- Power and sleep 23
- AudioPlay 24
- PC audio 25

The main content area is titled 'Lock screen preview' and features a large play button icon over a preview of the Windows 10 lock screen. The lock screen shows the time '10:41' and a date 'Monday, October 10'. Below the time are four weather tiles for 'OK', '15', '17', and '19'. At the bottom, there is a section for 'Lock screen apps' with a toggle switch for 'Show a lock screen with the lock screen' set to 'Off'.

Low Tech AT Solutions



Apple iPad Pro/Air/Mini

- Multi - touch screen
- Smart Keyboard with iPad Pro
- New iOS 9
- Millions of apps
- Surf web
- iTunes
- HD Video
- Organization
- Accessibility
- Books
- Photos
- Speakers
- 5.0 megapixel camera



Typing made Easier

iOS 8 Preview



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 >](#)





Reminders



- Built-in App
- Works with VoiceOver
- Organize your reminders
- Siri
- iPad



Tools for Life AppFinder

TFL AppFinder



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.

AT ONLINE EXCHANGE



Your 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

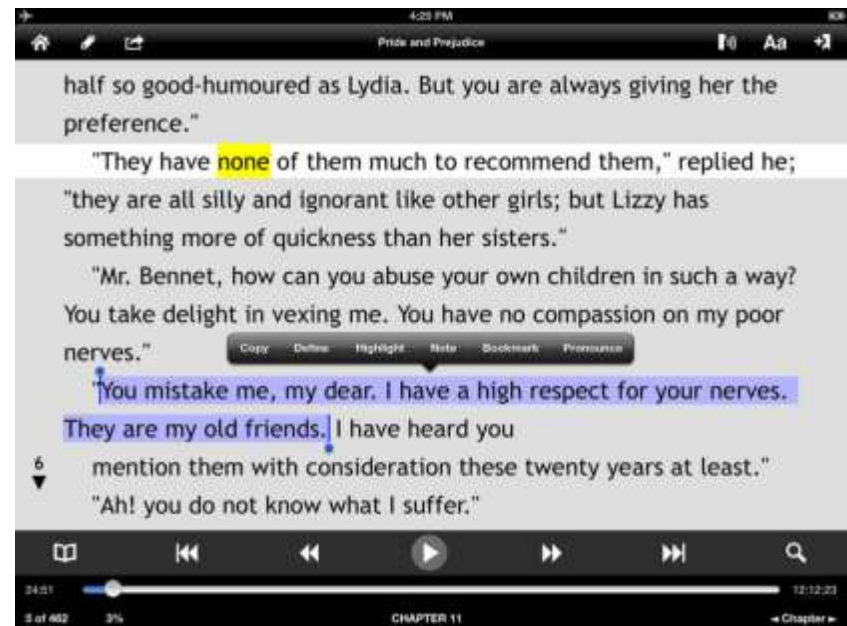




Voice Dream

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

- Download for later reading
- \$9.99



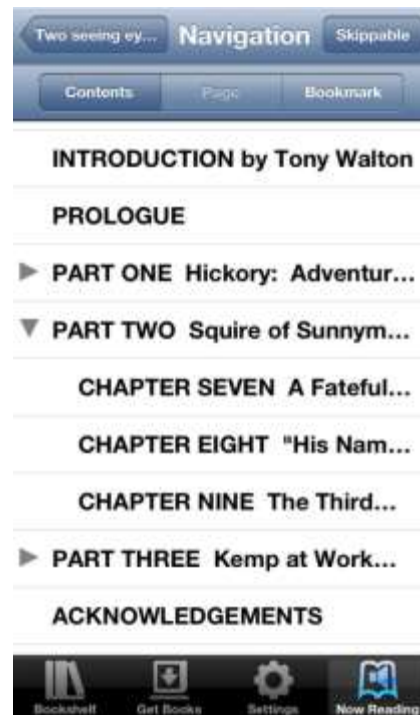
Genius Scan



- 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



BARD Mobile



- Access directly to the National Library Service for the Blind and Physically Handicapped (NLS)
- Must be registered
- Settings
- Can use with braille display
- <http://www.loc.gov/nls/find.html>
- Free

Consider this -



- My Success relies on
 - Actively Participating in all aspects of my Life Journey
 - AT helps make this possible!
 - Discovery Process
 - Create a Map
 - Plan for Progress!

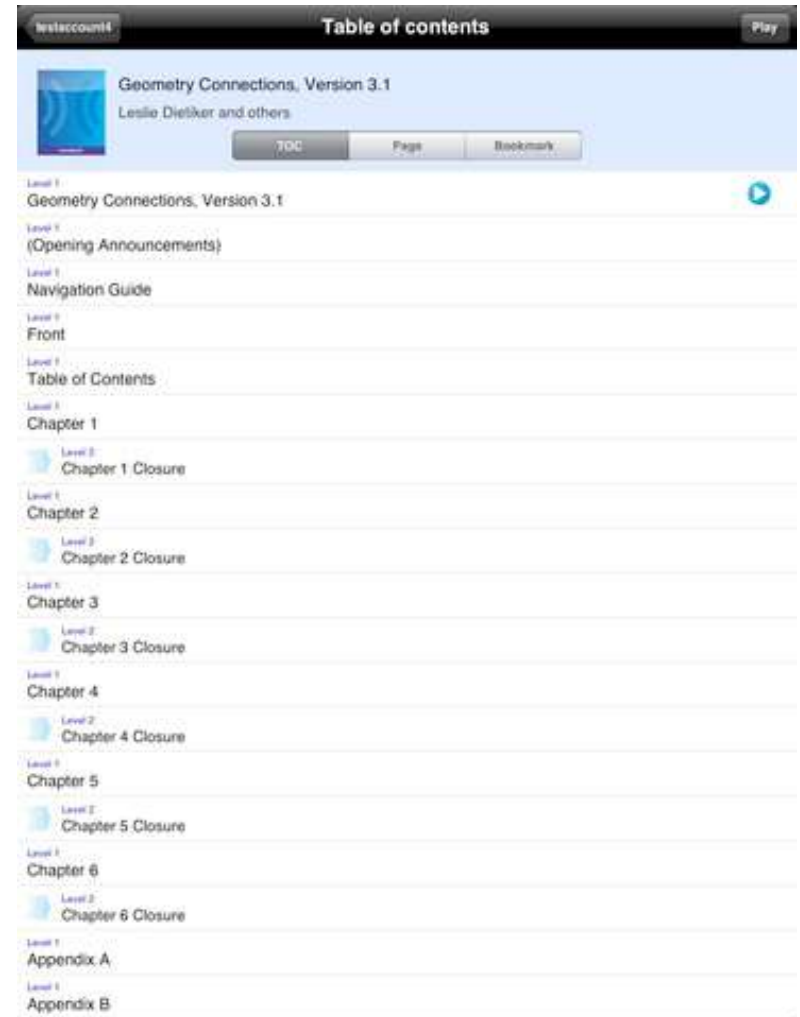
Consider this -



- My Success relies on
 - Building 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

Learning Ally

- Learning Ally
 - [DAISY](#)
 - Membership required
 - over 75,000 audiobooks, audio textbooks, and other recorded books
 - Free Trial



testaccount4 Table of contents Play

Geometry Connections, Version 3.1
Leslie Dietiker and others

TOC Page Bookmark

Level 1
Geometry Connections, Version 3.1

Level 2
(Opening Announcements)

Level 1
Navigation Guide

Level 2
Front

Level 1
Table of Contents

Level 1
Chapter 1

Level 2
Chapter 1 Closure

Level 1
Chapter 2

Level 2
Chapter 2 Closure

Level 1
Chapter 3

Level 2
Chapter 3 Closure

Level 1
Chapter 4

Level 2
Chapter 4 Closure

Level 1
Chapter 5

Level 2
Chapter 5 Closure

Level 1
Chapter 6

Level 2
Chapter 6 Closure

Level 1
Appendix A

Level 1
Appendix B

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



Audible.com

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



WAZE

FREE!

iOS

- Waze is the world's largest community-based traffic and navigation app. Join drivers in your area who share real-time traffic & road info to save time, gas money, and improve daily commuting for all.



Key Ring App

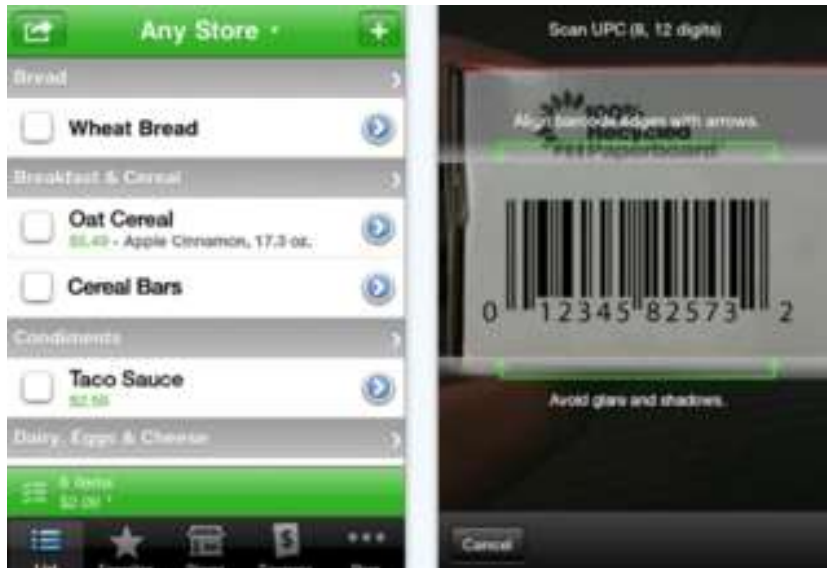
FREE!

iOS and Android

- All those loyalty cards are hard to keep track of. Key Ring puts all your cards on your phone, so they're there when you need them. Scan and store grocery cards, gym cards, library cards, gift cards... you name it. Loyalty cards scan straight from your phone at the checkout counter, saving you money instantly



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

MyMedSchedule

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



HearPlanet (Lite): Audio Guide to the World

- Speaks what is around you
- Learn about monuments. Historic sites, etc.
- Free; Upgrade to a paid version



Xbox One with Kinect

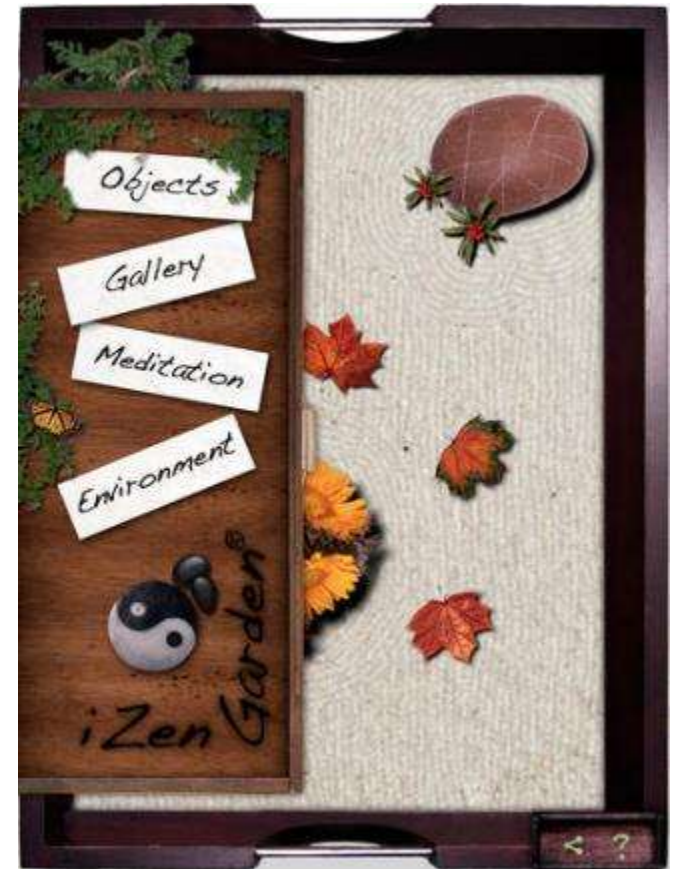


- Control your entertainment with your voice
- Netflix, Skype, YouTube, Internet Browser, Music, Television, etc.
- Gesture Control
- Price varies depending on bundle.
- Xbox One ~ ~~\$350~~ \$299

The Time Management Matrix

	Urgent	Not Urgent
Important	<p>I</p> <p>Crises Pressing Problems Deadline Driven Projects</p>	<p>II</p> <p>Prevention Relationship Building Planning New Opportunities</p>
Not Important	<p>III</p> <p>Interruptions Mail Meetings Popular activities</p>	<p>IV</p> <p>Trivia Busy work Pleasant activities</p>

Considering No/Low Tech to High Tech



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

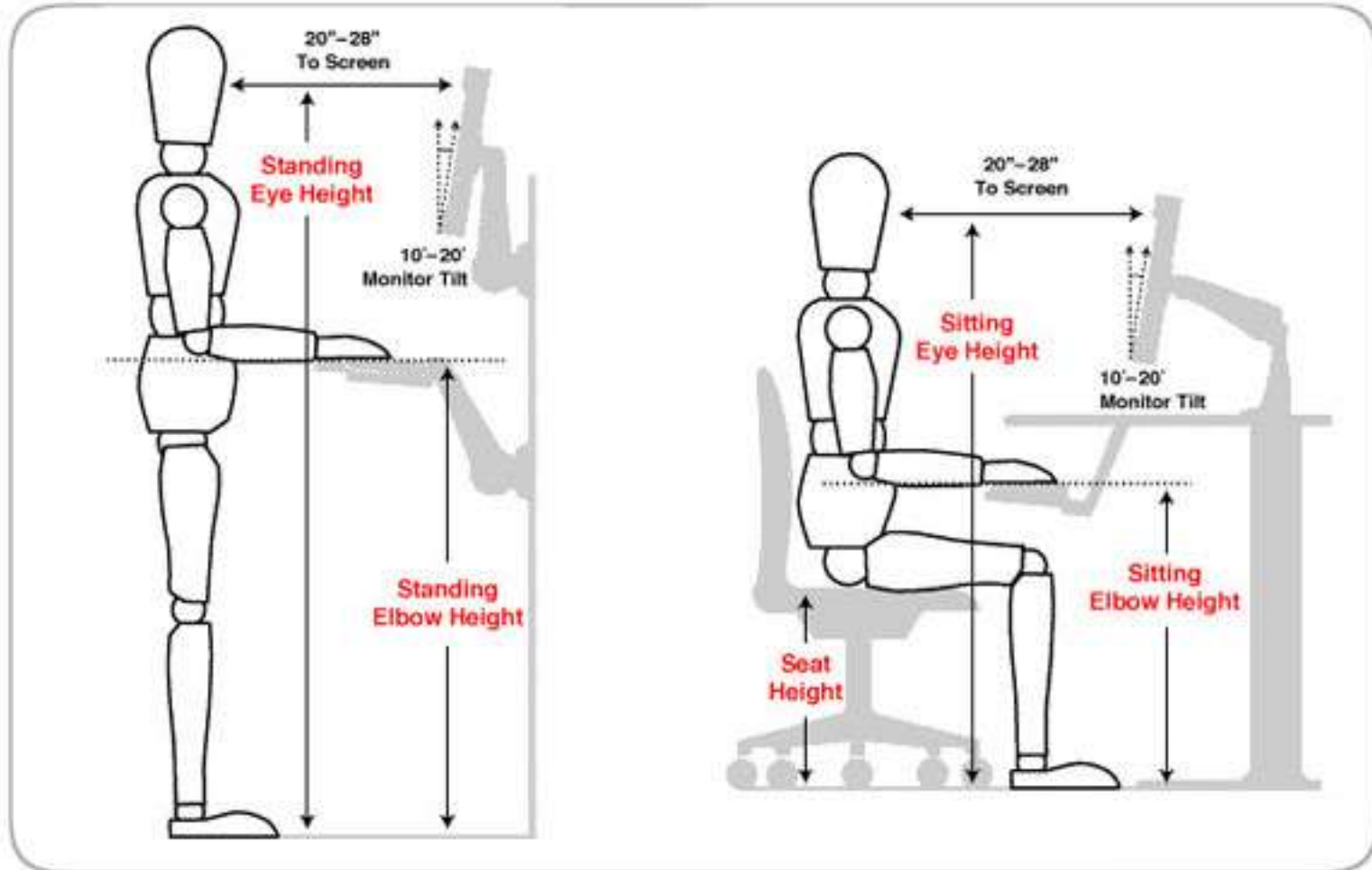


Breathe2Relax

- 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



Ergonomics in the Classroom



Consider this -



- My Success relies on:
 - Developing a Vision for My Future
 - Created a “Map” and “Vision Board”
 - Personal Goals
 - » Strong Relationship with my Family
 - » Build a Habitat House (12)
 - » Climb the Great Wall of China (2004)
 - » Adopt a Child (2! Tucker and Meera)
 - Educational Goals
 - » BA from UGA (Took 10 years...)
 - » Masters Degree (2005 – M. Ed. UK!)
 - Career Goals
 - » Help people Live Their Best Lives through technology (Director of Tools for Life @ Georgia Tech)

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!



Living Your Best Life

Creating a Successful Life Journey

Tell & Help Students to:

- Get to Know Yourself
- Plan for Your Success – in school, work, Life!
- Begin with the End in Mind
- Be able to tell Your Story
- Listen & Learn
- Try – Fail & Try again...
- When things get off track - Evaluate and Evolve
- Explore & USE Assistive Technology
- Laugh Much!
- Celebrate your Successes!
- Continue to Grow & Live Your Best Life!

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





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

TOOLS *for* LIFE

Georgia's Assistive Technology Act Program



The Tools for Life Team



Carolyn Phillips

Director, Tools for Life

Carolyn.Phillips@gatfl.gatech.edu



Sarah Endicott

Research Scientist

sarah.endicott@design.gatech.edu



Danny Housley

AT Funding & Resource Specialist

Danny.Housley@gatfl.gatech.edu



Justin Ingham

Support Specialist

jingham3@gatech.edu



Ben Jacobs

Accommodations Specialist

Ben.Jacobs@gatfl.gatech.edu



Krista Mullen

Speech Language Pathologist

krista.mullen@gatfl.gatech.edu



Samantha Peters

Support Specialist

speters37@gatfl.gatech.edu



Liz Persaud

Training and Outreach Coordinator

Liz.Persaud@gatfl.gatech.edu



Martha Rust

AT Specialist

Martha.Rust@gatfl.gatech.edu



Rachel Wilson

AT Specialist

Rachel.Wilson@gatfl.gatech.edu





GATE Evaluation Link



<http://tinyurl.com/GATEConference>

Your certificate of attendance will be emailed to you upon completion of this evaluation!

