



Promoting Successful Transition with Assistive Technology

Tools for Life

www.gatfl.gatech.edu

Visit us online!



- 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

Stay up-to-date on the latest assistive technology strategies and solutions with customized individual and group trainings.

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](#)

GATE 2016

DEC 9

Georgia Tech Student Center

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



The TFL Network



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
 - Ensure that AT products are available to Georgians with disabilities
 - Eliminate Funding Barriers

AT Funding Solutions



Dollars & Sense

- Web-based Funding Guide
- A resource for locating funding sources for AT devices and services.



gTrade

- Free resource for finding and exchanging assistive technology (AT) devices online
- Place an ad requesting items for sale, donation, or needed



Credit Able, Georgia's Alternative Financing Program

- Purchase assistive technology equipment and services



Staying off the FAST Track!



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

AT Helps!



- Assistive Technology strategies and solutions can help support those living with disabilities, the aging population and those who have problems with:
 - speaking
 - hearing
 - seeing
 - moving around
 - getting places
 - memory
 - cognition (thought processes and understanding)
 - daily living activities, such as dressing and preparing meals
 - socializing.



AMAC Overview

AMAC - Introduction

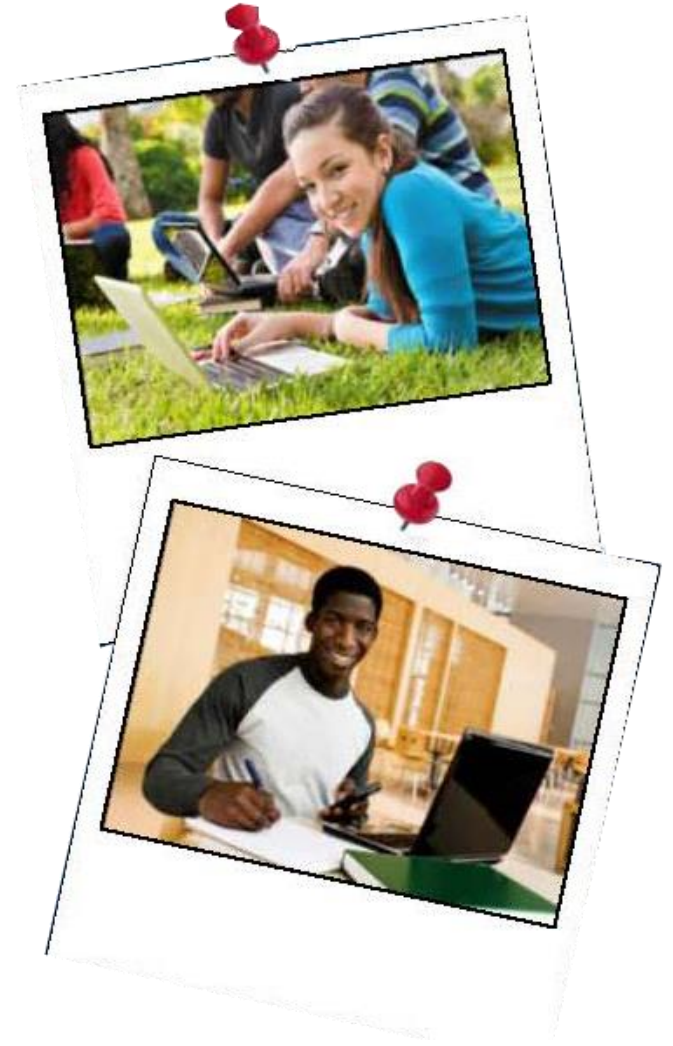


What is AMAC?

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.



AMAC - History



AMAC was created in 2005, as an initiative of the Board of Regents University System of Georgia, to help post-secondary disability services offices provide complete, timely, and efficient accommodations to the students with print disabilities that they serve.



Products and Services



- **Braille Services** produces customized projects from both print materials and electronic text including partial books and chapters or graphics only using cutting-edge technology.
- **Professional E-Text Producers** provide high-quality e-text in many formats such as PDF, DOC, DAISY, and HTML.
- **Captioning Services** makes classrooms, meetings, labs and other audio environments fully accessible for deaf or hard-of-hearing.
- **Certified Assistive Technology Team** provides on-site and remote assessments, demonstrations, training and technical assistance for education, work, and daily living environments.
- **Accessibility Compliance** focuses on organizational accessibility needs with evaluation, technical assistance, customer support, and website accessibility.

E-Text Products



File Format	Accessible Features
PDF	PDFs retain the same layout as the print textbook and include bookmarks for navigation, synchronized highlighting of text, and can be read aloud by screen readers. Students can easily magnify the text or change color contrast options.
MS Word Doc	Docs are best for students who use screen reading software such as JAWS. Headings are provided, reading order is determined, and all images are described.
DAISY	DAISY files are read by Dolphin EasyReader, which has a wide range of voices. These files have headings, correct reading order, and all images are described.
PowerPoint	Each PowerPoint slide has a unique descriptive title, all images and tables are fully described, and the reading order is determined for all objects on the slide.
HTML	HTML files have several levels of headings that provide navigation, reading order is determined, and alternative text descriptions are added to all images.
MathML	MathML files include all the features of our accessible HTML files, plus all equations and symbols are all pronounced according to MathSpeak guidelines.
Audiobooks	Books are downloaded and read with Learning Ally software. These files are audio only, but are read aloud with human narration, not synthetic speech.

Captioning Services



- Real time Remote Captioning (C-PRINT)
 - Requires Internet
 - Text appears on student's screen immediately
- Communication Access Real-time Translation (CART)
 - Verbatim account
- Transcription Services
 - Recorded audio content when captioning isn't available
- Video Captioning
 - Available for most video formats
 - Video provided by customer

Time Frame for Production



- Depends on availability, complexity, work load
- E-text
 - Same day/next business day if stock
 - Up to 21 days if new book
- Braille and MathML
 - Up to several months
 - Can provide shipments
- Learning Ally Audio
 - Same day/next business day if available



AMAC Orders



- Login Credentials/User Profile
- Communications
- Dashboard
 - Common Buttons/Links
 - Other Important Links
- Resources/FAQs

Student Download Center



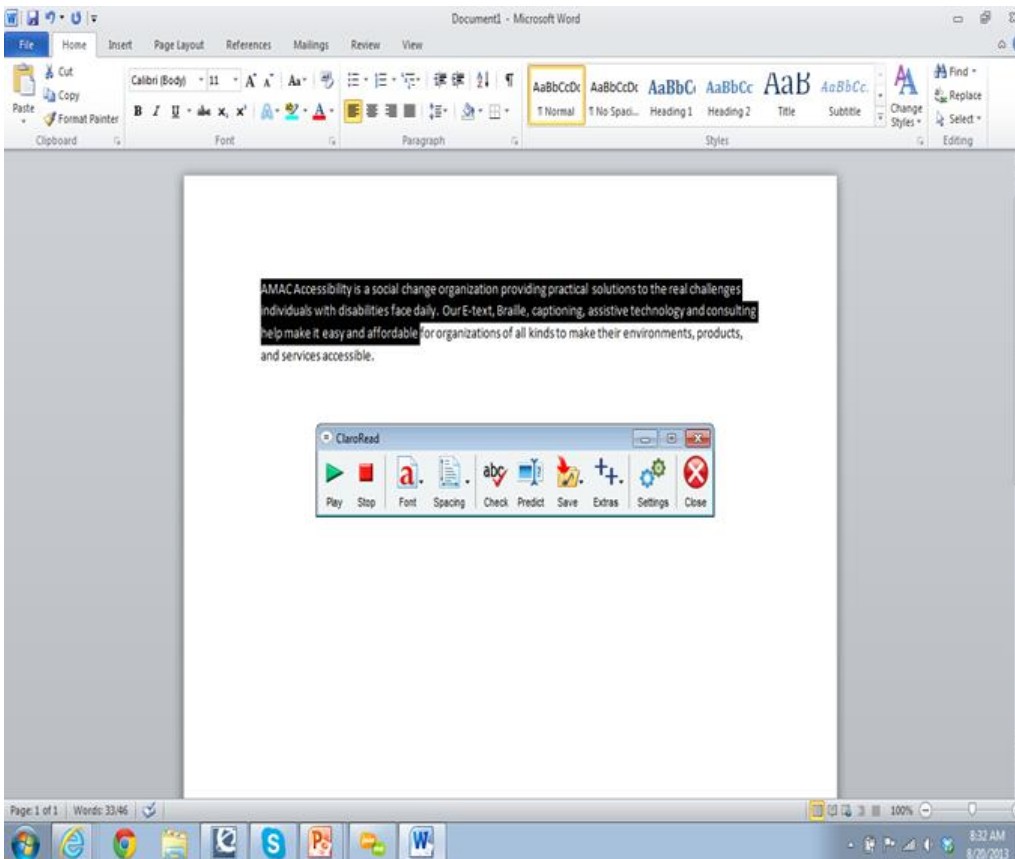
- Login Credentials/User Profile
- Communications
- Dashboard
 - Tabs/Links
 - Video Tutorials
- Resources/FAQs

AMAC's AT Software



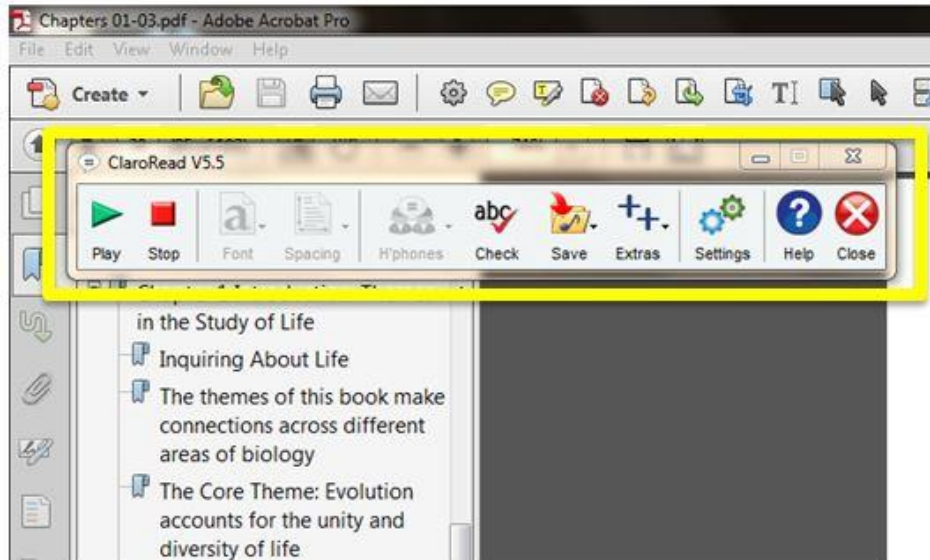
- ClaroRead
- Premier Literacy (including PDF Equalizer)
- Learning Ally
- Dolphin EasyReader
- Read Write Gold

ClaroRead with MS Word



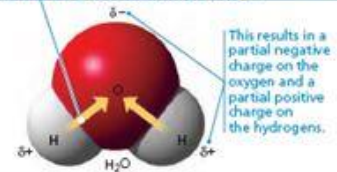
- For PC or Mac
- Reads aloud any print that is highlighted
- Floating toolbar
- Quickly and easily change the font size
- Change colors and spacing
- Check definition and meaning of words

ClaroRead with Adobe Acrobat



Each atom that can share valence electrons has a bonding capacity corresponding to the number of covalent bonds the atom can form. When the bonds form, they give the atom a full complement of electrons in the valence shell. The bonding capacity of oxygen, for example, is 2. This bonding capacity is called the atom's **valence** and usually equals the number of unpaired electrons required to complete the atom's outermost (valence) shell. See if you can determine the valences of hydrogen, oxygen, nitrogen, and carbon by studying the electron distribution diagrams in Figure 2.9. You can see that the valence of hydrogen is 1; oxygen, 2; nitrogen, 3; and carbon, 4. However, the situation is more complicated for elements in the third row of the periodic table. Phosphorus, for example, can have a valence of 3, as we would predict from the presence of 3 unpaired electrons in its valence shell. In some molecules that are biologically important, however, phosphorus

Because oxygen (O) is more electronegative than hydrogen (H), shared electrons are pulled more toward oxygen.



▲ Figure 2.13 Polar covalent bonds in a water molecule.

Oxygen is one of the most electronegative of all the elements, attracting shared electrons much more strongly than

Premier Software

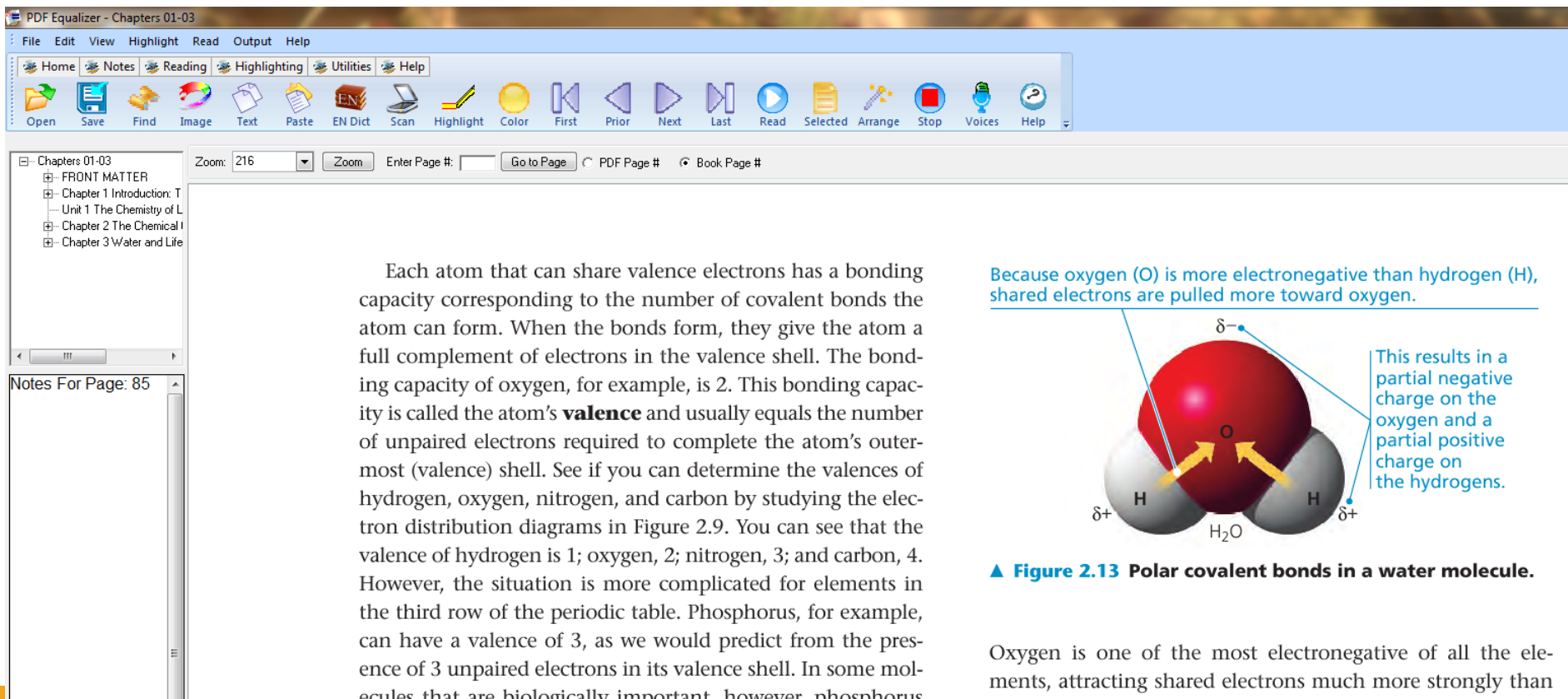
- Read documents in standard file formats such as Microsoft Word, Rich Text, text file format, HTML, and PDF
- Converted to audio files for use on a CD or MP3 player
- Scan and read documents
- Look up a word or definition in the integrated dictionary
- Create study notes and much more!



PDF Equalizer with PDF File

PDF Equalizer

- open PDF inside the program
- text to speech, zoom, note taking, dictionary



PDF Equalizer - Chapters 01-03

File Edit View Highlight Read Output Help

Home Notes Reading Highlighting Utilities Help

Open Save Find Image Text Paste EN Dict Scan Highlight Color First Prior Next Last Read Selected Arrange Stop Voices Help

Chapters 01-03

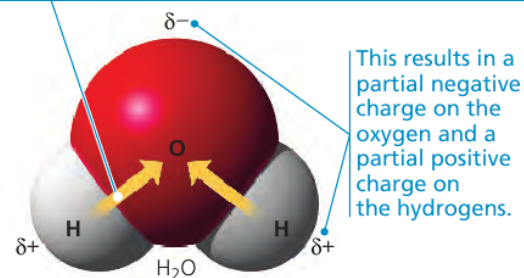
- FRONT MATTER
- Chapter 1 Introduction: T
 - Unit 1 The Chemistry of L
- Chapter 2 The Chemical I
- Chapter 3 Water and Life

Zoom: 216 Zoom Enter Page #: Go to Page PDF Page # Book Page #

Notes For Page: 85

Each atom that can share valence electrons has a bonding capacity corresponding to the number of covalent bonds the atom can form. When the bonds form, they give the atom a full complement of electrons in the valence shell. The bonding capacity of oxygen, for example, is 2. This bonding capacity is called the atom's **valence** and usually equals the number of unpaired electrons required to complete the atom's outermost (valence) shell. See if you can determine the valences of hydrogen, oxygen, nitrogen, and carbon by studying the electron distribution diagrams in Figure 2.9. You can see that the valence of hydrogen is 1; oxygen, 2; nitrogen, 3; and carbon, 4. However, the situation is more complicated for elements in the third row of the periodic table. Phosphorus, for example, can have a valence of 3, as we would predict from the presence of 3 unpaired electrons in its valence shell. In some molecules that are biologically important, however, phosphorus

Because oxygen (O) is more electronegative than hydrogen (H), shared electrons are pulled more toward oxygen.

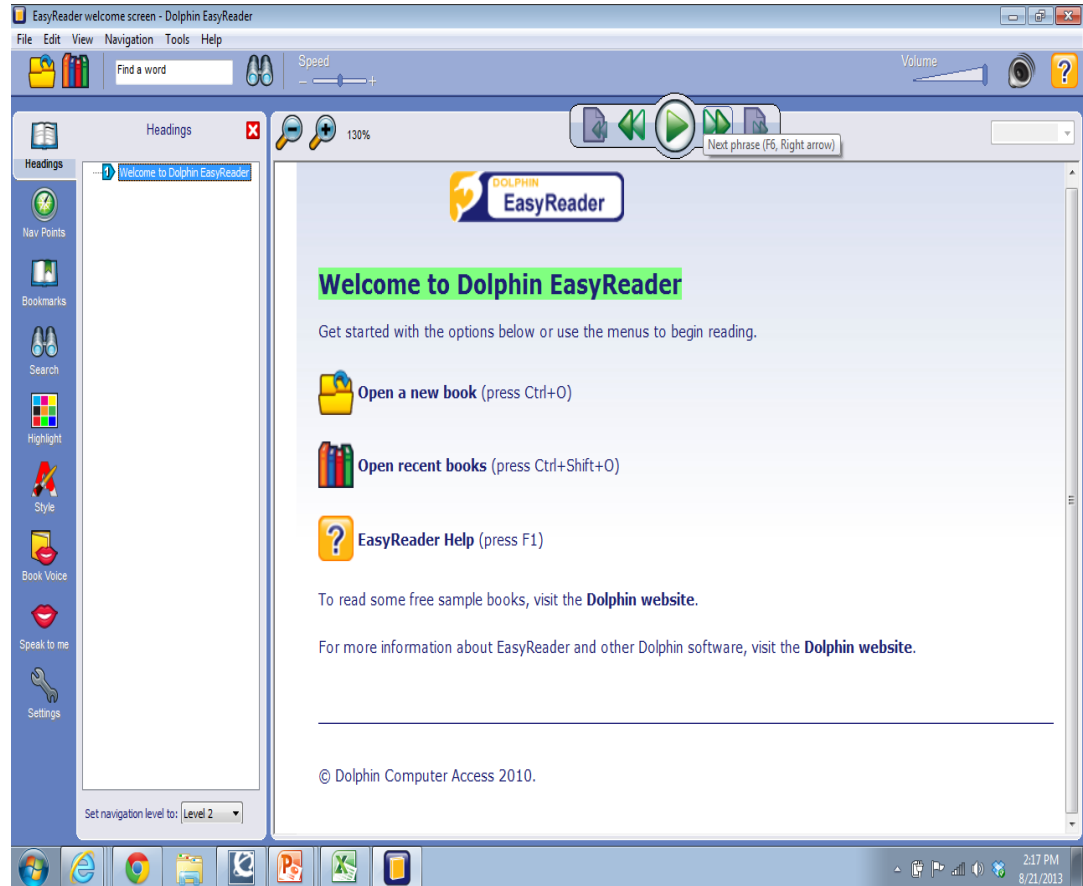


▲ **Figure 2.13** Polar covalent bonds in a water molecule.

Oxygen is one of the most electronegative of all the elements, attracting shared electrons much more strongly than

Dolphin Easy Reader

- Read multiple formats including MathML, Daisy, HTML, and EPUB
- Highlights text as it speaks



Learning Ally



- Learning Ally
 - Audiobooks
 - Requires Learning Ally software
 - Requires first time activation

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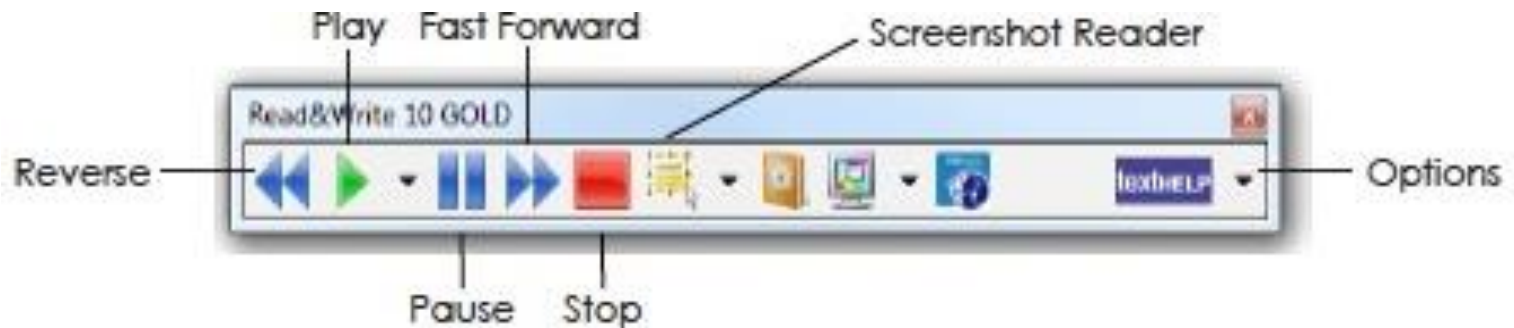
24

AA [play/pause] [stop] [next] [previous] [full screen] [share] [download] [print]



Read & Write Gold

- Read & Write Gold
 - PC and Mac Compatible
 - PDFs, DOCs, DAISY, and Webpages
 - Synchronous highlighting



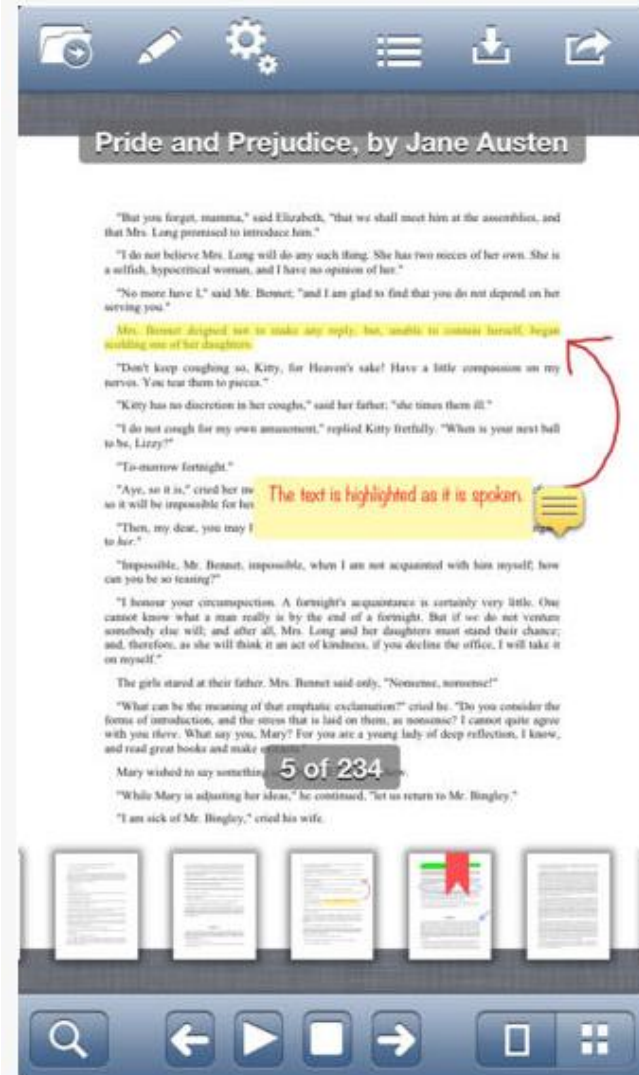
Read & Write Gold (additional features)

- Read & Write Gold
 - Multiple tool bars to assist with study skills, research and writing

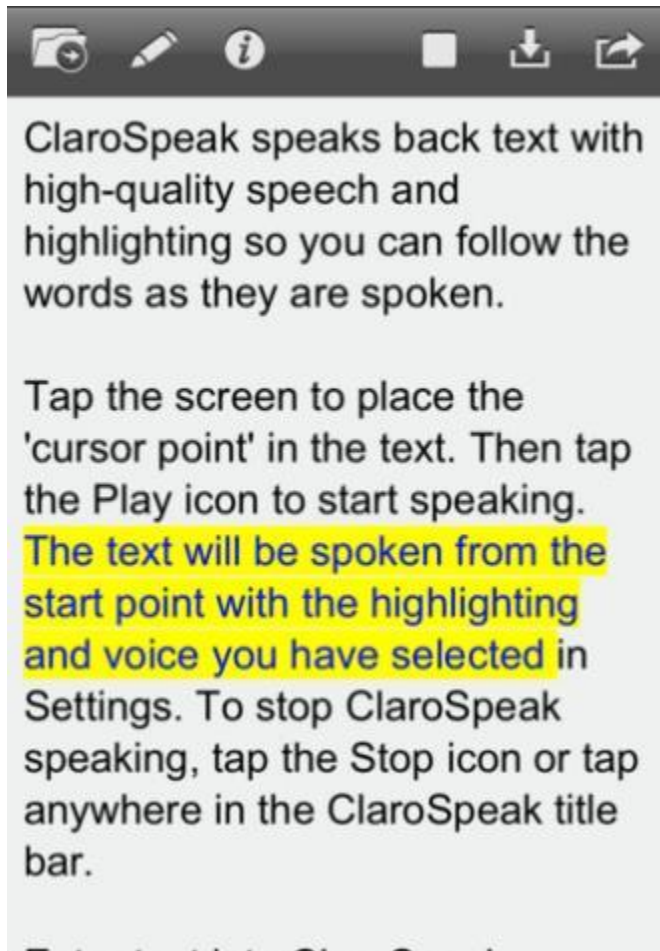


ClaroPDF for iPad

- Synchronous highlighting and text to speech for PDFs
- Navigate by page or headings
- Write notes, highlight text
- Customizable options
- Cannot read image PDFs



ClaroSpeak US



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

Membership Information



	Educational Memberships	
	Basic	Deluxe
Annual Fee	\$0	\$1500
Billing	Fee-for-service	Fee-for-service
Software	×	✓
Student Download Center	×	✓
Training	×	✓
Technical Support	×	✓
E-text Repository Discount	30%	30%
SAM Discount	×	25%
Braille Discount	×	10%
Braille Exam Discount	×	Free
Captioned Media Discount	×	10%



AMAC Student Download Center



How does the process work?

Enrollment Process

- Welcome email with account information once your school's DSP registers you
- Email notifications when books are completed

Student Download Center

- Check the status of your book orders
- Download your e-textbook files
- Download software to use with your books
- View video tutorials



[AMAC Student Download Center](#)

Tech Support



For additional information, visit our homepage at <http://amacusg.org/> with information on membership at <http://www.amacusg.org/membership.php>.

If you need technical assistance,
email amactech@amac.gatech.edu
or
call Technical Support
at 1-866-418-2750 (M-F 8:30-4:30 EST/EDT).



Where Innovation & Ethics Collide!



- As new technology develops, professionals are challenged to create new and innovative ethical boundaries to accommodate these advancements.

Social Media & Web-based Communication Tools

- Tumblr.
- Twitter
- Facebook
- YouTube
- Vine
- Scribd
- Google
- Skype



Technology & Ethical Considerations



There are numerous points of ethical considerations for technology

- Accessibility
- Computers – personal? School owned? Business owned?
- Cell Phones - Smart Phones
 - Apps?
 - Voice Mail – How transmitted?
 - Texting – where is that kept?
 - Telepresence (Skype, FaceTime, Google Hangout, etc.)
- Internet
 - Websites
 - Social Media
 - Chat Rooms
 - Private vs. semiprivate email accounts

Tell Us about...



- HIPPA
- FERPA
- Public Information Act

HIPAA



- The Health Insurance Portability & Accountability Act of 1996 (HIPAA) Privacy Rule
- National standards to protect individuals medical records and personal health information

- The Family Educational Rights & Privacy Act (FERPA) is a Federal law that protects the privacy of student education records.
- Applies to all schools that receive funds under US Department of Education
- Rights transfers to the student when s/he reaches the age of 18 or attends a school beyond the high school level.
- Written permission to release any information

What is “Public?”



- Information “collected, assembled or maintained” in connection with official business.
- Includes:
 - Books, paper, letter, document, printout, photo, film, tape, microfiche, microfilm, photostat, sound recording, map, drawing, voice, data, video representation in computer memory.

Do You “Agree?”



- “Social media and social network (Web-based) [Terms of Use](#) (TOU) are often overlooked as we, the users, scramble to get started [sharing](#) and liking and [pinning](#), all in the interest of promoting products and services—or increasing public awareness. We click through the legalese in our impatience to get started. Yet what we ***don’t read***, and ***don’t know***, **CAN** hurt us.”

- <http://allenmireles.com/>

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 >](#)



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



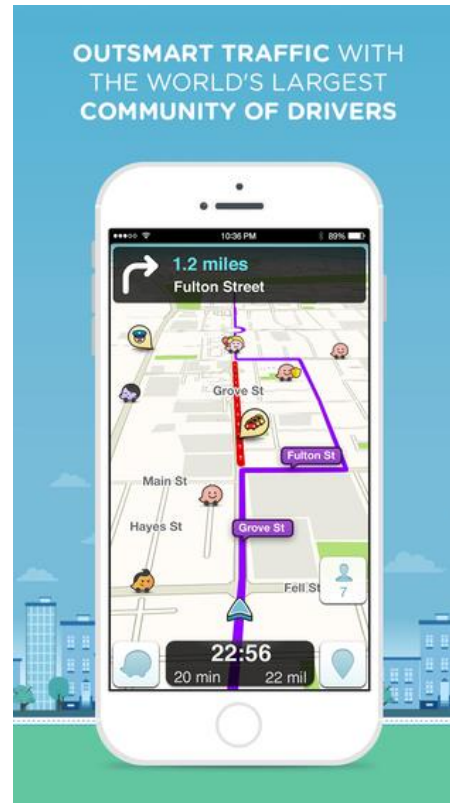
Tools for Life AppFinder

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.

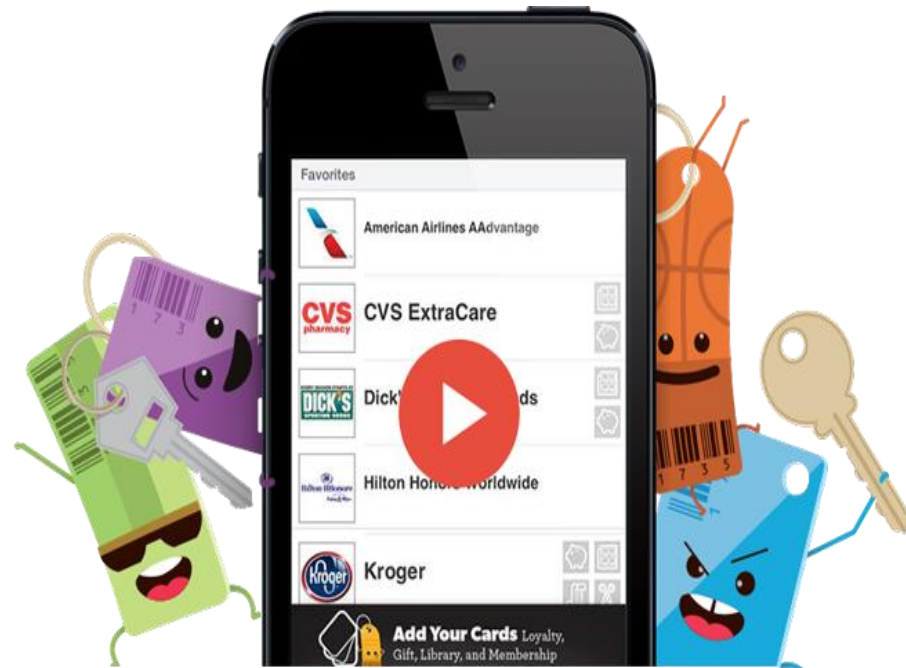


Key Ring App

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



Relax Melodies: Sleep & Yoga

FREE!

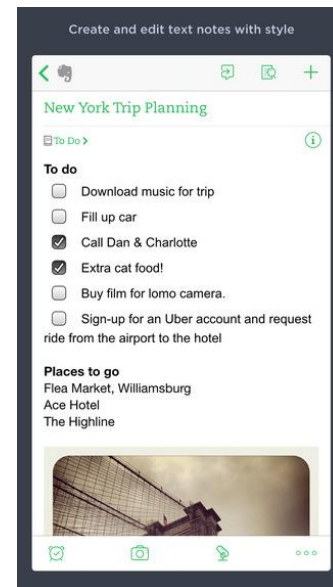
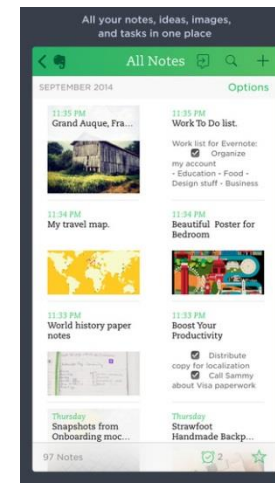
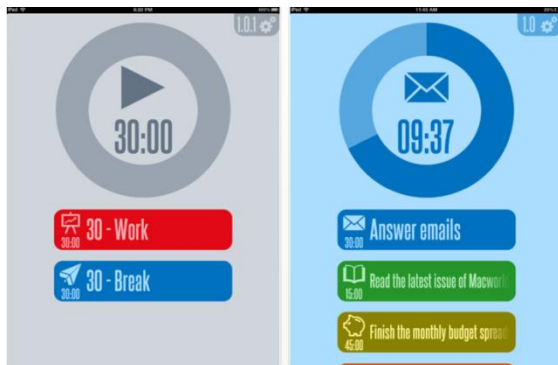
iOS and Android

- Relax Melodies is the LEADER in personalized relaxation and sleep assistance. No more lacking of sleep or insomnia for you! The sleep that you need and want is waiting for you. Relax Melodies and its many features such as high quality white noise sounds, music melodies and complete customizable mixes will help you sleep like never before!
- Here's how it works :
 1. Create a sleep mix by selecting sounds and music that you like.
 2. Slip naturally into a relaxed state or a deep sleep...
 3. Awake, feel refreshed and happier
 4. Do it again, anytime!
- Use it also in many other situation such as while exercising, during your yoga meditation sessions, while massaging, during a quick nap or even to help your baby fall asleep faster!



Task Management

- Evernote (free, iOS, Android, Windows)
 - allows you to store text, photos, and audio notes on your device of choice. Create "notebooks" and categorize notes for meetings and to-do lists. Notes are tagged with geo-location for mapping or search. Keep all info in one place
- 30/30 (free, iOS, Android, Windows)
 - Set up tasks and time needed to complete
 - App will tell you when to move onto next task

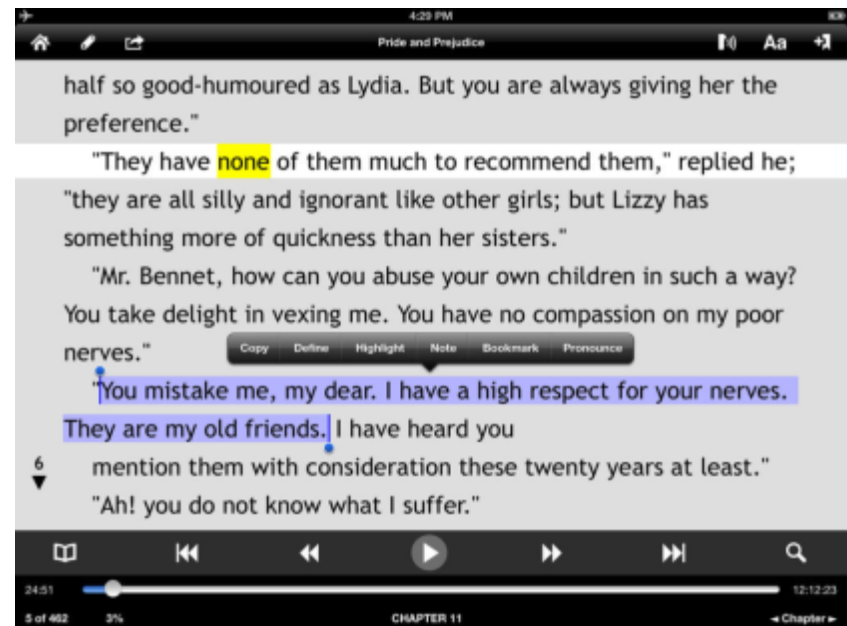




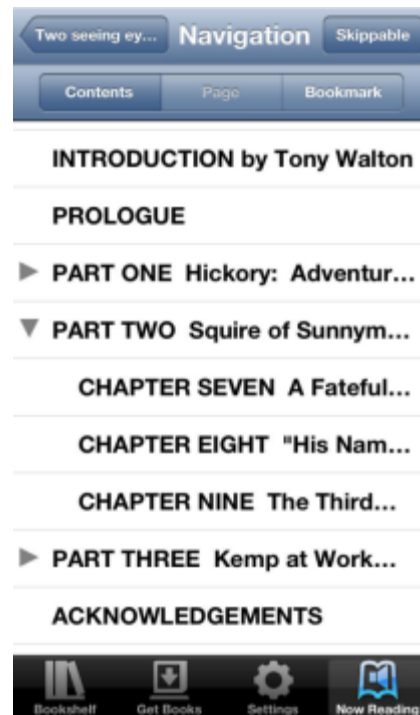
Voice Dream

- 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

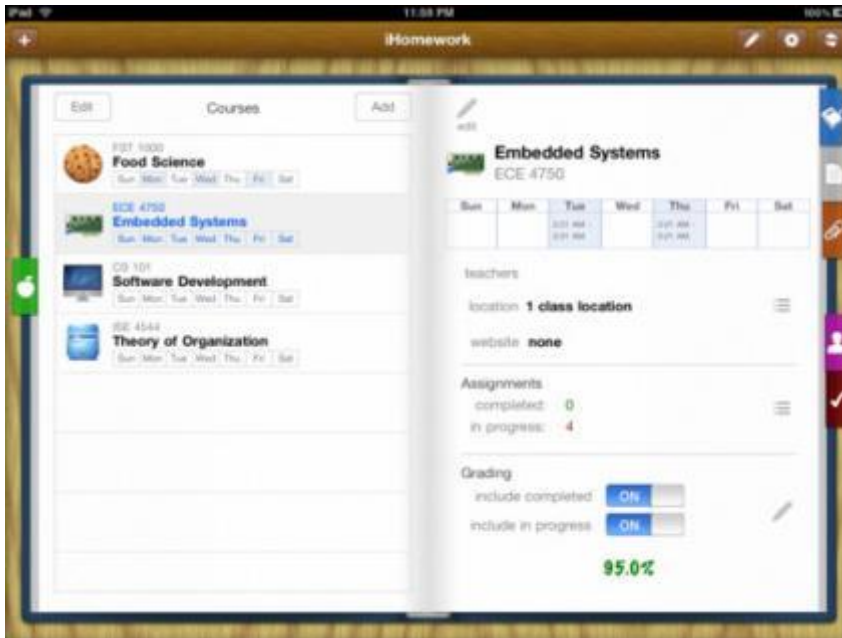


BARD Mobile



- 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

iHomework



- Keep up-to-date with your school work, grades, to-do's, teacher's information
- School organizer that can be with you anywhere you go, whether that be on your iPhone/iPod touch, iPad, or Mac

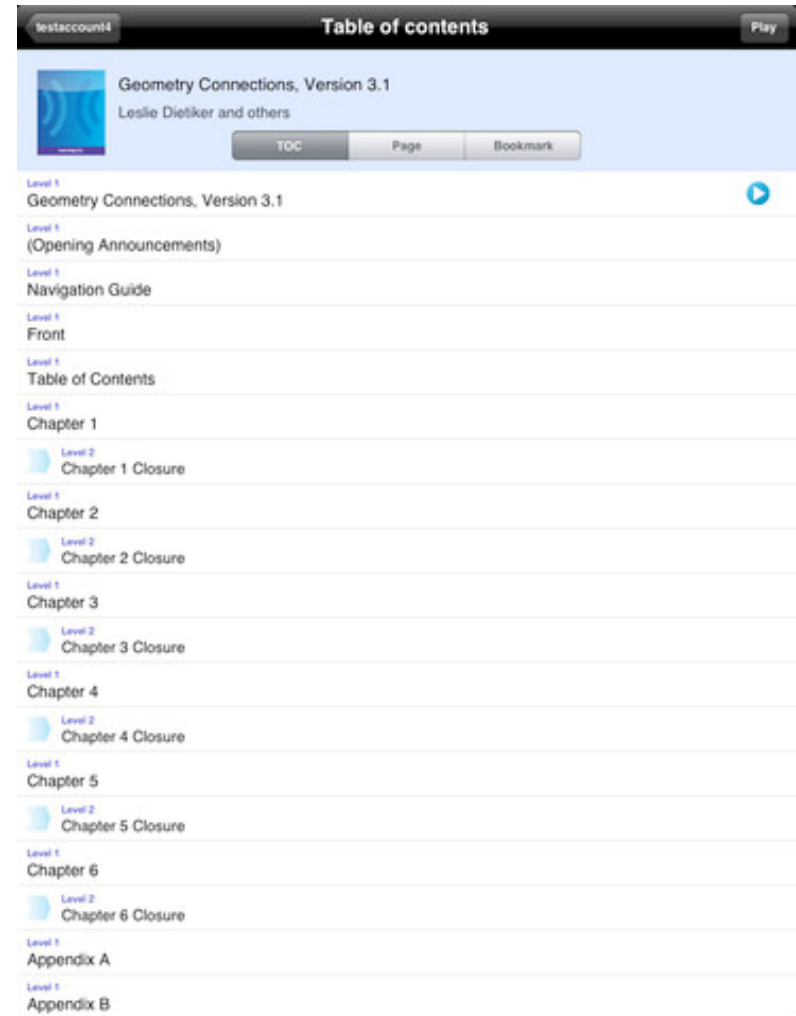
Bookshare

- 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



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 1
(Opening Announcements)

Level 1
Navigation Guide

Level 1
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

Audible.com

- Digital audiobooks
- Read by Hollywood stars, authors, and professional narrators
- Listen anywhere
- Over 200,000 titles
- Membership



Mobile Tablets/ eReaders

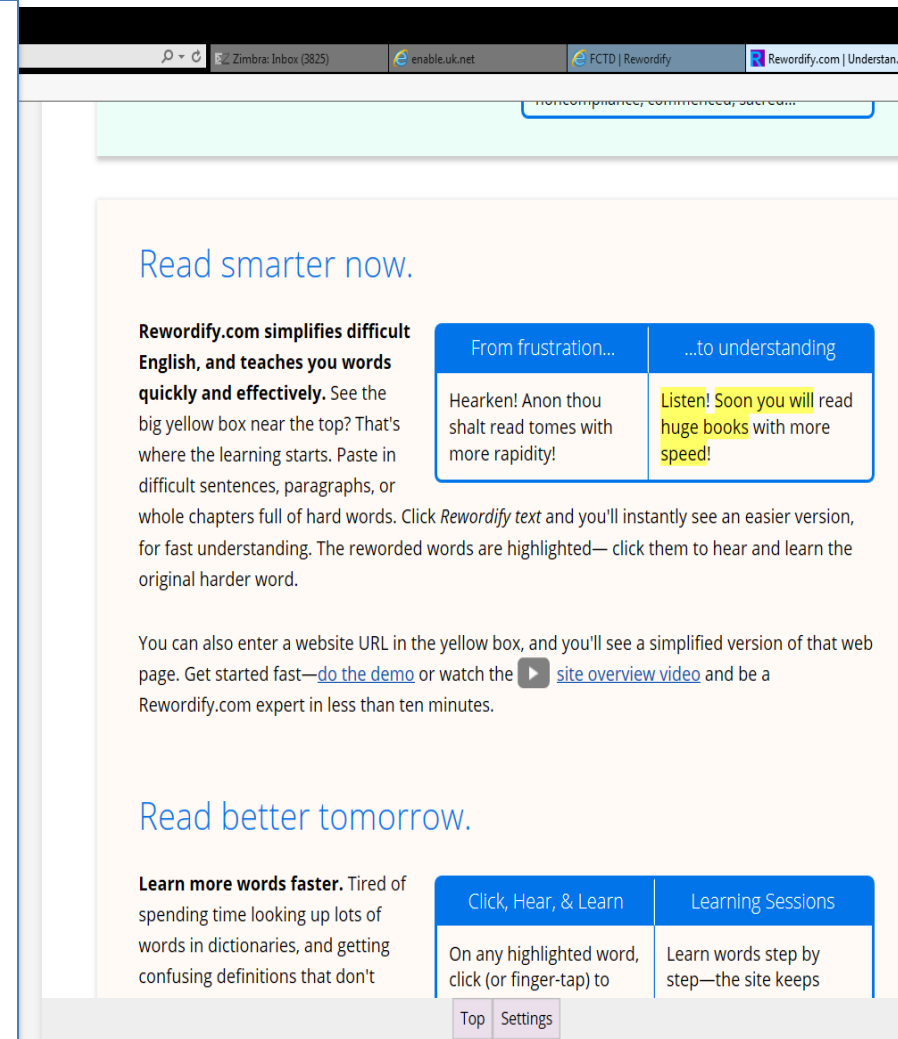
- What do I need?
- Does it read out loud?
- Do I need Apps?
- Change colors?
- Change line spacing?
- Textbooks?
- Fun Reading?



Rewordify.com

“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 Rewordify.com website. At the top, there's a navigation bar with links like 'Zimbra: Inbox (3825)', 'enable.uk.net', 'FCTD | Rewordify', and 'Rewordify.com | Understand...'. Below this is a search bar. The main content area has a heading 'Read smarter now.' followed by a paragraph explaining the tool's purpose: 'Rewordify.com simplifies difficult English, and teaches you words quickly and effectively.' It includes a table comparing 'From frustration...' to '...to understanding' with an example sentence. Below this, it says '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.' Another heading 'Read better tomorrow.' is followed by a paragraph about learning words faster and a table comparing 'Click, Hear, & Learn' to 'Learning Sessions'. At the bottom, there are 'Top' and 'Settings' buttons.

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.

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

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

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

Top Settings

Live Scribe Pen

- Records what it hears and what you write
- Uses specific paper for playback
- Connects to computer by USB for saving
- Tap on note and playback from there
- Jump forward and back in notes
- Dictionary
- Translation Apps
- Purchase Apps online
- [Demo](#)



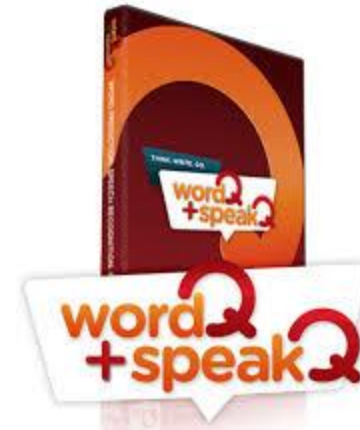
Speech Recognition Software

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



Word Q/ Speech Q

- Software that has built-in word prediction
- Suggests words
- Spoken feedback to hear what was written
- Speech Q is a plugin for Speech Recognition
- 30 day free trial
<http://www.goqsoftware.com/trial/>



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](#)





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

TOOLS *for* LIFE

Georgia's Assistive Technology Act Program



The Tools for Life Team



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