



Google Chrome Apps for Reading and Writing

Heather R Koren, ATP
Director of Assistive Technology
Westminster Technologies

1

Presenter

- RESNA Certified ATP
- M.S. in Rehabilitation Science and Technology
- Taught undergraduate and graduate level assistive technology courses at East Carolina University
- Developed an online graduate certificate program in AT for East Carolina University
- Director of Assistive Technology at Westminster Technologies



Westminstertech.com

2

Objectives

- Explore Google Chrome apps for Reading
- Discover Google Chrome extensions for Writing



Westminstertech.com

3

Reading

Text-to-speech, Readability, Fonts/Colors, Summarizing



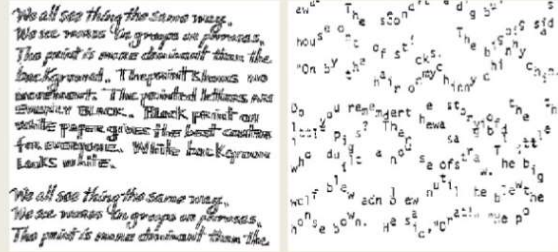
Westminstertech.com

4

Reading

- Reading Disability
 - Reading Fluency
 - Decoding
 - Reading Comprehension
 - Recall
 - Writing
 - Spelling

A Dyslexic Student May Read Text As..



<https://www.slideshare.net/TMSussex/open-dyslexic-30981091>

5

Reading Tools

- Text-to-speech (TTS)
- Audiobooks/ Digital TTS Books
- Optical Character Recognition (OCR)
- Annotation Tools
- Display control
- Dictionary/Thesaurus



6

ATbar

- [ATbar](#)
 - Free open-source
 - Change font size
 - Text-to-speech
 - Colored overlays
 - Readability
 - Dictionary
 - Spell check
 - Word prediction



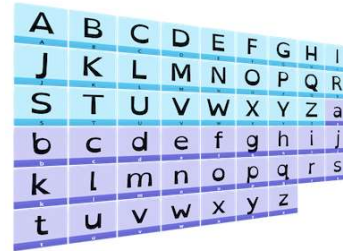
BeeLine Reader

- [BeeLine Reader](#)
 - Visual Tracking
 - Focus – comprehension & decoding
 - Color gradient text wrapping

BeeLine Reader is a research-backed tool that improves reading ability for students of all ages and skill levels. By displaying text using color gradients that wrap from the end of one line to the beginning of the next, BeeLine

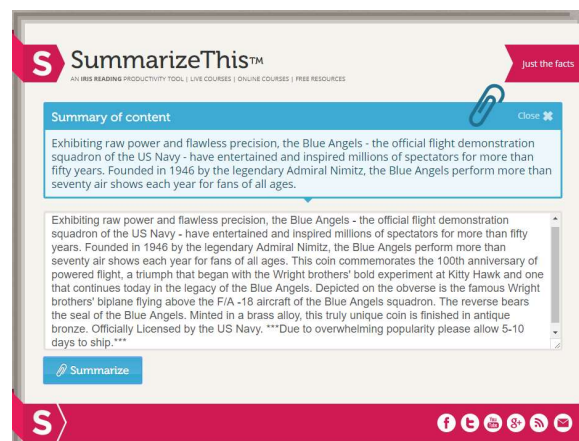
OpenDyslexic

- [OpenDyslexic](#)
 - Free open-source font
 - Heavy-weighted bottoms
 - Line of text reinforcement
 - Unique letter shapes



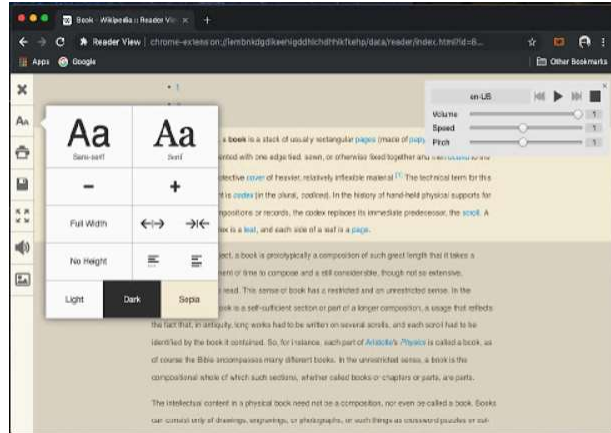
SummarizeThis

- [SummarizeThis](#)
 - Summarize text
 - Copy/Paste
 - Extracts most important information



Reader View

- [Reader View](#)
 - Removes clutter
 - Buttons
 - Ads
 - Background Images
 - Change
 - Text size
 - Font
 - Contrast
 - Layout
 - Width
 - TTS



Westminstertech.com

11

ReadMe!

- [ReadMe!](#)
 - BeeLine Reader integration
 - Spritz – quicker reading
 - Synchronization of bookmarks



Westminstertech.com

12

Rewordify

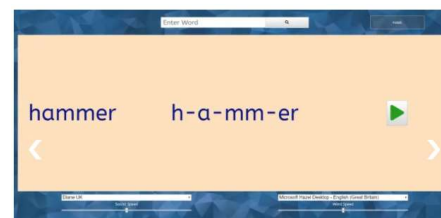
- [Rewordify](#)
 - Convert difficult to easy-to-read text
 - View original words/definitions
 - Free website

| From frustration... | ...to understanding |
|---|---|
| The ravenous throng scampered toward the delectable viands, which the chef had impeccably arrayed on the table. | The extremely hungry crowd ran toward the delicious food, which the chef had extremely well organized (into rows) on the table. |

13

Claro Chromebook Apps

- ClaroRead - TTS
- Claro Speak – Document Reader
- ClaroPDF – TTS
- Claro PhonemeReader

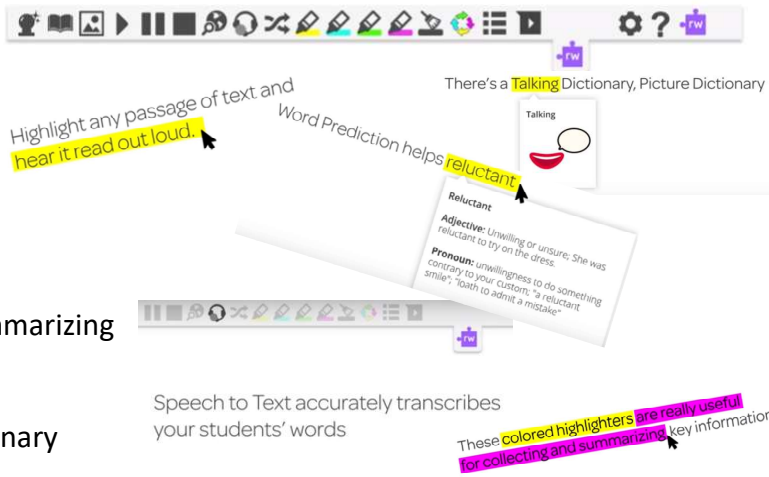


14

TextHelp Read&Write

Read&Write for Google

- Support tools
 - Web
 - Google Drive files
 - Google Docs
 - Google Slides
 - PDF
 - ePubs
- TTS
- Text highlighting/summarizing
- Speech to text
- Word Prediction
- Talking/Picture Dictionary

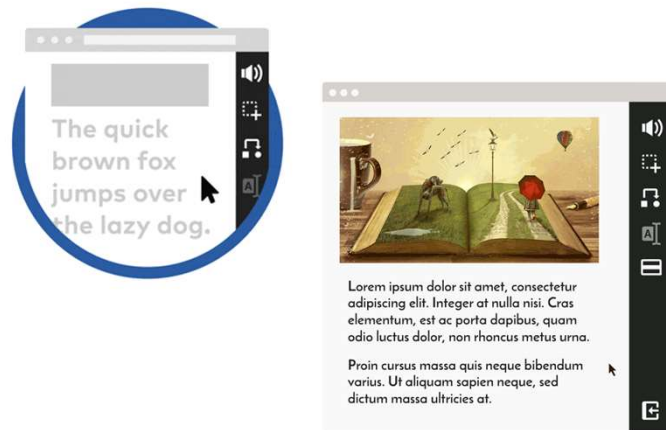


Westminstertech.com

15

Snap&Read Universal

- Snap&Read Universal
 - Read Aloud
 - Dynamic Text Leveling
 - PDF Annotation
 - Translation
 - Study Tools
 - Remove Distractions
 - Color Overlay
 - Reading Line Guides
 - Picture Support Dictionary
 - Bibliographer
 - Screenshot Reader
 - Readability Analyzer
 - Data Collection



Westminstertech.com

16

Writing

Writing, Spelling, Punctuation, Grammar, Word Usage, Organization

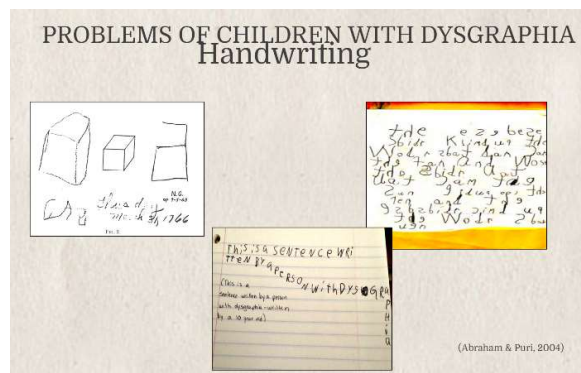


Westminstertech.com

17

Writing

- **Writing Disability**
 - Illegible Handwriting
 - Inconsistent Spacing
 - Poor Spatial Planning
 - Poor Spelling
 - Difficulty Composing
 - Thinking and Writing at the same time



<https://www.emaze.com/@AOTIFRFR/dysgraphia-pptx>



Westminstertech.com

18

Writing Tools

- Dictation (speech-to-text)
- Word prediction
- Spell Check/Grammar Check
- Text-to-Speech (TTS)
- Graphic Organizers
- Dictionary/Thesaurus



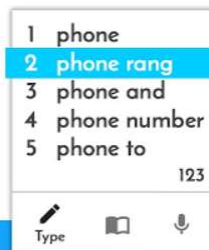
Westminstertech.com

19

Co:Writer Universal

- Co:Writer Universal
 - Word Prediction
 - Speech Recognition
 - Translation
 - Flexpell™
 - Vocabulary

My cell



Let's suppose you ri

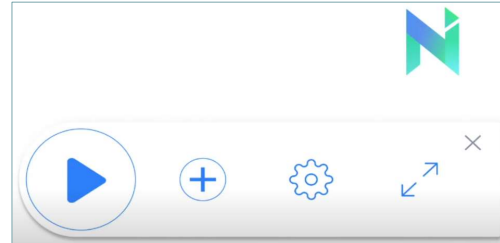


Westminstertech.com

20

Natural Reader

- [Natural Reader](#)
 - Free online reader
 - Reads
 - Webpages
 - Google Docs
 - Emails
 - PDF
 - Ignores webpage ads and menu text
 - Over 100 voices
 - 16 languages
 - Create audio MP3 files
 - Highlight sentences and words



21

Premier

- Premier Chrome Toolbar
 - Chrome Reader
 - Summarizer
 - Dictionary
 - Dictation
 - Worksheet Wizard
 - Talking Word Processor
 - Talking Pointer



22

Voice In

- Voice In
 - Speech-to-text
 - Voice typing for
 - Any website
 - Gmail
 - Search
 - Forms

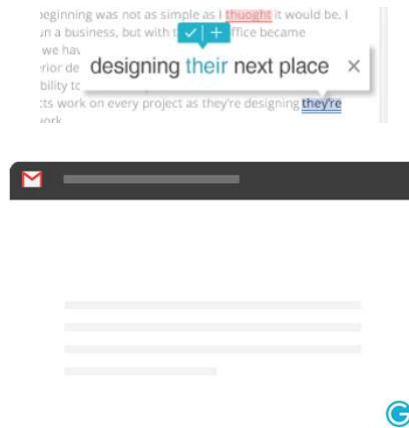


Westminstertech.com

23

Ginger

- Ginger
 - Spell check
 - Grammar check
 - Text Reader
 - Translation
 - Definitions
 - Contextual synonyms
 - Sentence rephrase

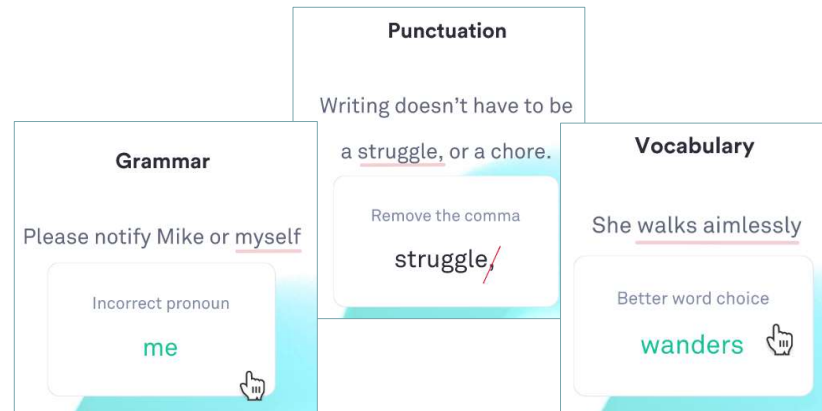


Westminstertech.com

24

Grammarly

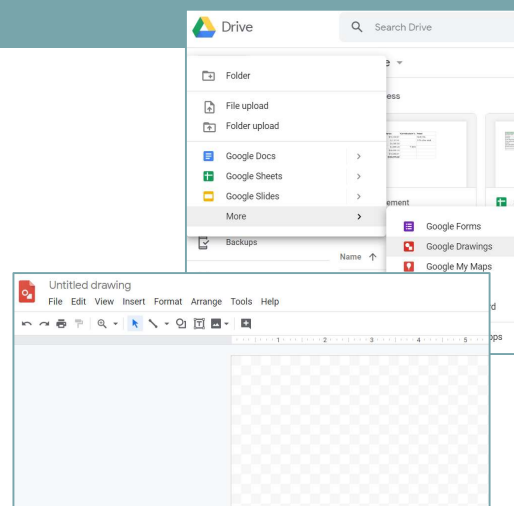
- [Grammarly](#)
 - Grammar
 - Spelling
 - Style
 - Tone
 - Vocabulary
 - Punctuation
 - Conciseness



25

Google Drawing

- Use your current Google account
- Students can collaborate for group projects
- Add images from the built-in research tool or from other sources
- Link objects to websites
- Diagrams can be setup and shared as a template
- Diagrams can be downloaded or shared

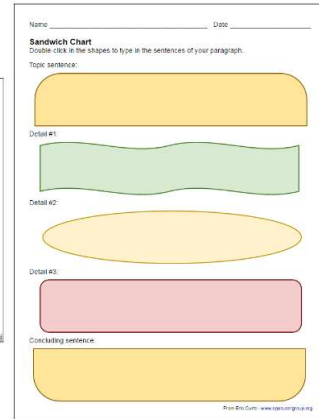


26

Google Drawing

- Pre-made activities
 - Drag and drop activities
 - Connecting items
 - Filling in shapes
- Fill-in Templates
 - Activities
 - Compare/Contrast
 - Story elements
 - Multi-step cycles
 - Useable across multiple activities

Season Sorter - student drags and drops images into boxes to match them to their season of the year.



Westminstertech.com

27

MindMeister

- Free (3 mind maps per month)
 - Google Docs Add-on
 - Use in Browser
- Create:
 - MindMaps
 - Presentations
 - Tasks
 - Export
 - Print
 - Share

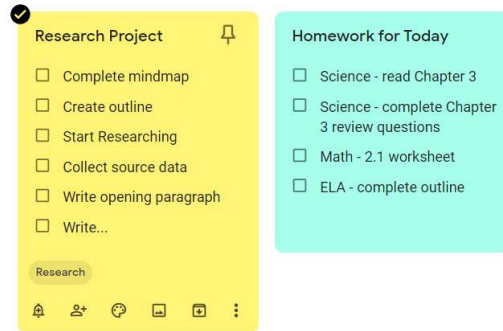


Westminstertech.com

28

Google Keep

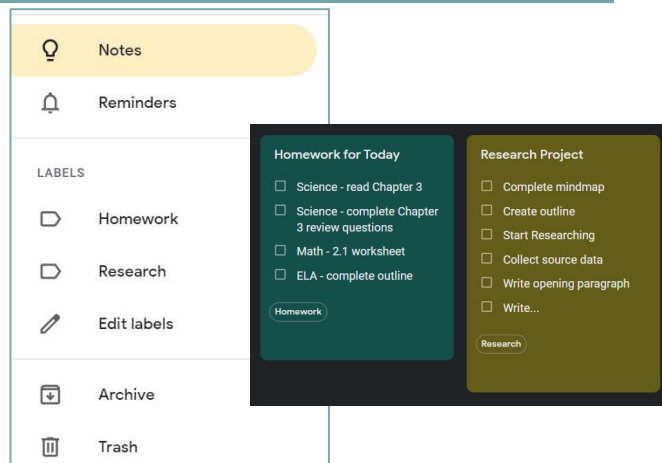
- Notetaking Tool
- Available on the web, or mobile devices through an app
- Tools include:
 - Text
 - Lists
 - Images
 - Audio



29

Google Keep

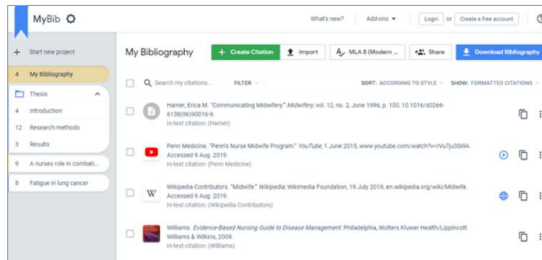
- Easy to use labels and color-coding
- Collaborate with other students or teachers
- Set Reminders
- Set Dark Mode for low vision students



30

MyBib

- [MyBib](#)
 - Automatically create citations from any website or PDF
 - APA
 - MLA
 - Harvard
 - Copy citation to your bibliography
 - OR save for later



Questions

Resources

A.T. TIPSCAST: <https://attipscast.com/>

Augsburg University: CLASS Disability Resources:
<http://www.augsburg.edu/class/groves/assistive-technology/everyone/>

Curts, Eric. "Google Drawings for Graphic Organizers." Google Docs, Google, 2014,
docs.google.com/document/d/1VG5csw93vIAZCGHxbR9jgg3gA4YepmsGoNd9mdFxr_o/edit#.



Westminstertech.com

33

Resources

The Tech Advocate: <https://www.thetechadvocate.org/7-must-app-andtools-students-learning-disabilities/>

Understood.org: <https://www.understood.org>

University of Washington Do-It Program:
<http://www.washington.edu/doit/working-together-computers-and-people-learning-disabilities>



Westminstertech.com

34

Any Questions after Webinar

Heather R Koren, ATP

844-881-2088

hkoren@westminstertech.com

www.westminstertech.com

AT of Ohio

800-784-3425

atohio@osu.edu

darling.12@osu.edu

atohio.org



Westminstertech.com