



# Google Chrome Supports For Reading

Access to Print Materials through Extensions, Apps & Add-ons



Compiled By:  
Matthew Baud &  
Sumer Porter



<i>Our Favorite Reading Apps &amp; Extensions to Support Students</i>		
Extension & App		DESCRIPTION OF FEATURES
	<a href="#"><u>Read &amp; Write for Google</u></a> (Subscription & Free)	<ul style="list-style-type: none"> <li>• Free accessibility toolbar for Google Docs</li> <li>• Text-to-speech with dual color highlighting</li> <li>• Talking Dictionary</li> <li>• Picture dictionary</li> <li>• Vocabulary tool</li> </ul>
	<a href="#"><u>SpeakIt!</u></a> (Free)	<ul style="list-style-type: none"> <li>• Text-to-speech for reading web content in Google Chrome</li> <li>• Select text, click icon, listen; or right-click selected text and choose Speakit!</li> <li>• Convenient 'pause' or 'repeat' button when activated by icon</li> <li>• Built in high quality female voice</li> <li>• Speech rate is adjustable, and can be quite slow.</li> </ul>
	<a href="#"><u>Select and Speak</u></a> (Free)	<ul style="list-style-type: none"> <li>• Text-to-speech for reading web content in Google Chrome</li> <li>• Select text, click icon, listen; or right-click selected text and choose Speak and Select</li> <li>• Customizable keyboard shortcut available (default: ctrl + shift + s)</li> <li>• Built in high quality voice options</li> <li>• Slowest speech rate is quite fas</li> </ul>
	<a href="#"><u>SnapVerter</u></a> (Subscription & Free)	<ul style="list-style-type: none"> <li>• converts inaccessible PDF documents into accessible (readable) PDF files</li> <li>• works within your Google Drive account (the app generates folders to drop new files, access converted files)</li> <li>• Once converted, PDFs or images can be read via text-to-speech extension</li> </ul>
	<a href="#"><u>Readability</u></a> (Free)	<ul style="list-style-type: none"> <li>• Remove clutter from websites (ads and distracting graphics)</li> <li>• Set margins, select style and adjust font size</li> <li>• Can be activated by keyboard shortcut set by user</li> </ul>

	<p><b><u>Snap&amp;Read Universal</u></b> <b>(Subscription)</b></p>	<ul style="list-style-type: none"> <li>• Provides text-to-speech on websites, email and docs and PDFs.</li> <li>• Screenshot reader-can highlight specific portions of a document or website to be read</li> <li>• Word highlighting</li> <li>• Adjustable reading rate</li> <li>• Can adjust text complexity with docs, websites and PDFs</li> <li>• Works in flash websites</li> </ul>
	<p><b><u>Bookshare Web Reader</u></b> <b>(Free)</b></p>	<ul style="list-style-type: none"> <li>• Access to Bookshare books</li> <li>• Text to speech with installed voice</li> <li>• Word highlighting</li> <li>• Ability to adjust font size, background color and display format and margins</li> <li>• Can adjust reading rate</li> <li>• Use the Table of Contents to navigate to the desired chapter, etc.</li> </ul>
	<p><b><u>Chrome Speak</u></b> <b>(Free)</b></p>	<ul style="list-style-type: none"> <li>• select text then activate reading feature via contextual menu read the selected text”</li> <li>• can control rate</li> </ul>
	<p><b><u>TLDR</u></b> <b>(Free)</b></p>	<ul style="list-style-type: none"> <li>• Provides real time summaries of news articles or web pages</li> <li>• Can choose short, medium or long</li> </ul>

**EXTRAS:**

**Chrome Sign In:**

You need to be signed in to Chrome to sync your extensions and apps. Once signed in, your Chrome tools will be available to you regardless of the computer you are using.

To sign in to Chrome:

1. Click on the wrench at the top right of your browser and select "Sign in to Chrome" from the menu.
2. Use your Google account credentials to sign in (e.g.: [username@gmail.com](mailto:username@gmail.com))
3. That's it! Happy browsing!

**Bookshare and Google Chrome**

*Bookshare Web Reader (Individual Bookshare Membership required for access)*

Bookshare Web Reader lets you read Bookshare books directly from within your Internet browser. Simply find the book you want to read and select "Read Now" on any computer with an Internet connection and supported Internet browser.

1. Open Google Chrome and log on to [www.bookshare.org](http://www.bookshare.org)
2. Find your book
3. Select “Read Now”
4. Follow prompts to install the Chrome Extension
5. Your book will open, and you can begin reading!

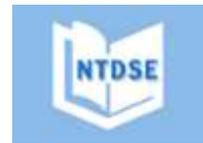


# Google Chrome Supports For Writing

Accessibility through Extensions, Apps & Add-ons



Compiled By:  
Matthew Baud &  
Sumer Porter



## *Writing Apps & Extensions to Support Students*

Extension, App& Add-ons	DESCRIPTION OF FEATURES
 <p><b><a href="#">Read &amp; Write for Google</a></b> (Subscription &amp; Free)</p>	<ul style="list-style-type: none"> <li>• Word Prediction</li> <li>• Text-to-speech with dual color highlighting</li> <li>• Talking Dictionary</li> <li>• Picture dictionary</li> <li>• Capture highlights</li> <li>• Speech-to-text</li> <li>• Vocabulary tool</li> <li>• Annotate PDFs</li> </ul>
 <p><b><a href="#">Co:Writer</a></b> (Subscription)</p>	<ul style="list-style-type: none"> <li>• Word prediction</li> <li>• Text-to-speech</li> <li>• Works anywhere you can enter text</li> <li>• Customized settings - prediction, speech, vocabulary level, topic dictionaries, etc.</li> <li>• Allows for creation of new topic dictionaries</li> </ul>
 <p><b><a href="#">Citelighter</a></b> (Subscription &amp; Free)</p>	<ul style="list-style-type: none"> <li>• online research and writing tool that lets you create a project</li> <li>• collect highlights/add comments as you read through web sites</li> <li>• web resources that are collected by Citelighter will generate a bibliography</li> <li>• click on View to go to the website to build your outline and move your citations into it</li> </ul>

	<b><u>Notable PDF</u></b> (Subscription & Free)	<ul style="list-style-type: none"> <li>• can highlight, comment, add text or select text</li> <li>• click two right arrows on top, right of screen to be able to rotate the document</li> <li>• can print download</li> <li>• Links to Google Drive or can drag any PDF into it</li> <li>• Can use free text-to-Speech app to read accessible materials</li> </ul>
	<b><u>Speech Recognition</u></b> (Free)	<ul style="list-style-type: none"> <li>• Speech-to-text</li> <li>• Add-on that easily integrates with Google Docs</li> <li>• Has language and dialect options</li> </ul>
	<b><u>Diigo Web Collector</u></b> (Free)	<ul style="list-style-type: none"> <li>• Bookmark web pages</li> <li>• Annotate using sticky notes and high lighting</li> <li>• Search library for all annotations or highlights</li> <li>•</li> </ul>
	<b><u>Kaizena Mini</u></b> (Free)	<ul style="list-style-type: none"> <li>• Leave feedback in google docs in text format or audio.</li> <li>• Highlight text you wish to comment on</li> <li>• Tag and link web resources</li> </ul>
	<b><u>Lucidchart for Education</u></b>	<ul style="list-style-type: none"> <li>• can create and edit Lucidchart documents from Google Docs.</li> <li>• diagram is added directly into any document</li> <li>• any changes made in Lucidchart are automatically updated in the document.</li> </ul>

### EXTRAS:

#### **Chrome Sign In:**

You need to be signed in to Chrome to sync your extensions and apps. Once signed in, your Chrome tools will be available to you regardless of the computer you are using.

To sign in to Chrome:

1. Click on the wrench at the top right of your browser and select "Sign in to Chrome" from the menu.
2. Use your Google account credentials to sign in (e.g.: [username@gmail.com](mailto:username@gmail.com))
3. That's it! Happy browsing!

# READING

## Why is Reading Hard?

Seeing or Understanding

**Dyslexia**

**SLD Language:  
Reading and Spelling**

Understanding text due to LD

Physical Disabilities

Holding a book

Turning a page

Sensory

Vision

Hearing

## Interventions Needed

Phonological Awareness

Listening

Rhyme/  
Alliteration

Sentence  
Segmenting

Syllable  
Blending

Rhyme  
Blending

Phoneme  
Blending

Phonics

Hear  
Phonemes

Identify  
Phonemes

Manipulate  
Phonemes

Fluency

Vocabulary

## Reading Strategies

Paired Reading

Read Aloud to each other

Read Aloud/Think Aloud

Reciprocal Reading

predicting, questioning,  
clarifying and summarizing

Peer Assisted Learning  
Strategies (PALS)

Precision Reading

Passage  
Comprehension

Word Recognition

Reading  
Automaticity

Change Complexity of Material

High Interest Low Level Reading

Pre Teach New Vocabulary

## Reading Tools/Solutions

Leveled Text

Rewordify.com

Readability-  
score.com

Newsela.com

Word Identification Aids

Tracking Aids

Contrast Aids

Magnification Aids

Positioning Aids

Alternate Format  
Materials/Books

Text Readers/Screen  
Readers

Standard Word Processing  
Software

# WRITING

## Why is Writing Hard?

Vision

Motor

Writing Conventions

Spelling

Grammar

Punctuation

Writing Process

Generating Ideas

Vocabulary / Word Retrieval

Organization

Editing/Revisions

## Interventions Needed

Phonological Awareness

Phonics

Fluency

Vocabulary

## Writing Strategies

Self-Regulated Strategy Development

Specific strategies for planning, drafting and revising text

Pre-Writing

Activities designed to help generate and/or organize ideas

Collaborative Writing

Peers writing as a team

Word Processing

## Writing Tools/Solutions

Positioning Aids

Contrast Aids

Adapted Writing Aids

Personal Dictionaries / Spelling Lists

Recorders

Hand Held Devices

Graphic Organizers

Word Processors

Word Prediction

Electronic Worksheets

Literacy Suite Software

Advanced Writing Aids

## Tech Tips for an iDevice

### Guided Access

Guided Access helps people with autism or other attention and sensory challenges stay focused on the task (or app) at hand. With Guided Access, a parent, teacher, or therapist can limit an iOS device to stay on one app by disabling the Home button, and limit the amount of time spent in an app. You can even restrict access to the keyboard or touch input on certain areas of the screen. So wandering taps and gestures won't distract from learning.

Tap Settings> General> Accessibility> Guided Access to set up Guided Access

### Speak Select and Speak Screen

If you have a hard time reading the text on your iOS device, use Speak Screen to read your email, iMessages, web pages, and books to you. Turn on Speak Screen and swipe down from the top with two fingers, or just tell Siri to Speak Screen and have all the content of the page read back to you. You can adjust the voice's dialect and speaking rate, and have words highlighted as they're being read. Within iOS 10, In addition to word by word highlighting, the text to speech options (Speak Selection and Speak Screen) will now provide sentence by sentence highlighting as well. By choosing Highlight Content in the Speech Settings you can configure how the highlighting takes place: you can have only the words highlighted, only the sentences, or both, and you can choose whether the sentence highlight will be an underline or a background color (though you still can't choose your own color).

Tap Settings> General> Accessibility >Speech>Speak Selection

### Read with Fewer Distractions

Use Safari Reader to reduce the visual clutter- like ads and buttons - on some web pages so you can focus on whatever you're reading. just tap the lined paragraph icon next to the web address in Safari. It strips away ads, buttons, and navigation bars, allowing you to focus on just the content you want. Safari Reader works with Speak Selection and VoiceOver, to provide auditory reinforcement for what you're seeing.

### VoiceOver

Voice over is a gesture-based screen reader that lets the user operate any iDevice even if the screen can't be seen. Once VoiceOver is enabled, triple-click the Home button to access it. By using a set of defined gestures, a description of everything happening on

the screen, from battery level, to who's calling, to which app your finger is on. You can also adjust the speaking rate and pitch. VoiceOver is integrated into the iOS operating system, it will work with all the built-in iDevice apps.

Tap Settings > General > Accessibility > VoiceOver

The Magnifier in iOS10

The Magnifier is a visual accessibility feature that essentially turns your iPhone or iPad into a magnifying glass. That makes seeing everything from newspapers to menus, easier for anyone with low vision.

Tap Settings > General > Accessibility > Magnifier

Once enabled, just **triple-press the Home button** to start it up. You may have to choose Magnifier if you have multiple accessibility options enabled.

## Tech Tips for Microsoft Office

### How to Access “Ease of Access”

The Ease of Access Center provides a convenient, centralized place to locate accessibility settings and programs to make your computer easier to use.

- Use the computer without a display
- Make the computer easier to see
- Use the computer without a mouse or keyboard
- Make the mouse easier to use
- Make the keyboard easier to use
- Use text or visual alternatives for sounds
- Make it easier to focus on tasks
- 

### How to navigate to the Ease of Access Center

- Click the “Windows” key + U
  - or
- Click the “Start” button and select “Control Panel”
- Click the “Ease of Access” link
  - or
- Click the “Start” button and select “All Programs”
- Click the “Accessories” folder
- Click the “Ease of Access folder”
- Click the “Ease of Access” link

Go to Ease of Access and ADD:

1- On Screen Keyboard, Click Start On-Screen Keyboard

Why: Fine motor difficulties and using a keyboard is just to labor intensive

Access word prediction

Student needs good mouse skills

Keeps head up and looking at the screen

## 2 - Make the mouse easier to use

Change the size of the pointer – Try using Large, Inverting. So now the pointer is a different color depending on the color of the page.

Click “Mouse setting”

Buttons – switch the primary button, change double click speed, turn on click lock

Pointers – change pointer

Pointer Options – Pointer speed, Snap To, Visibility

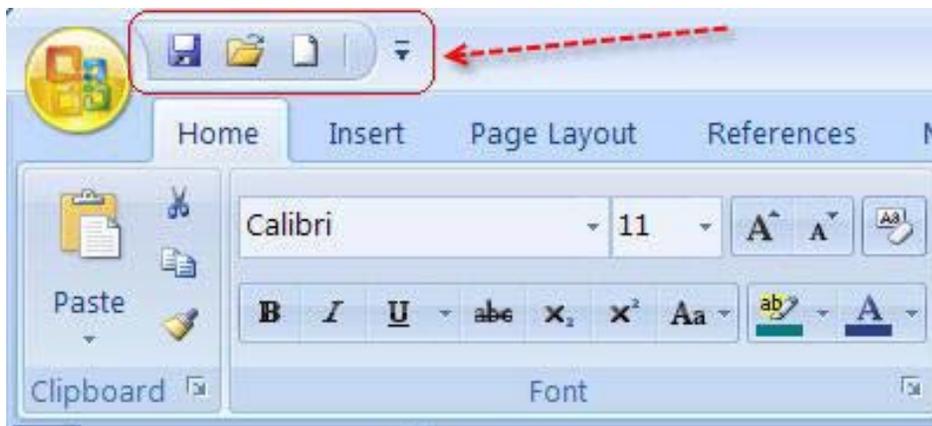
Wheel – Vertical Scrolling and Horizontal Scrolling

Hardware

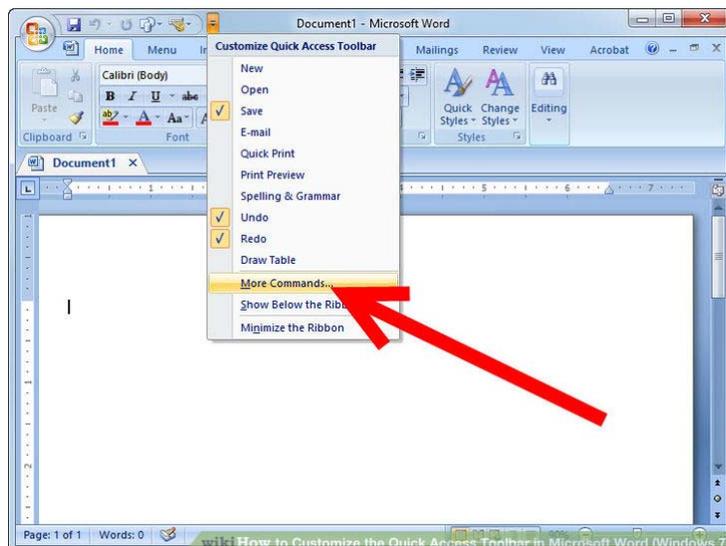
Think Pad

## 3 – Text to Speech

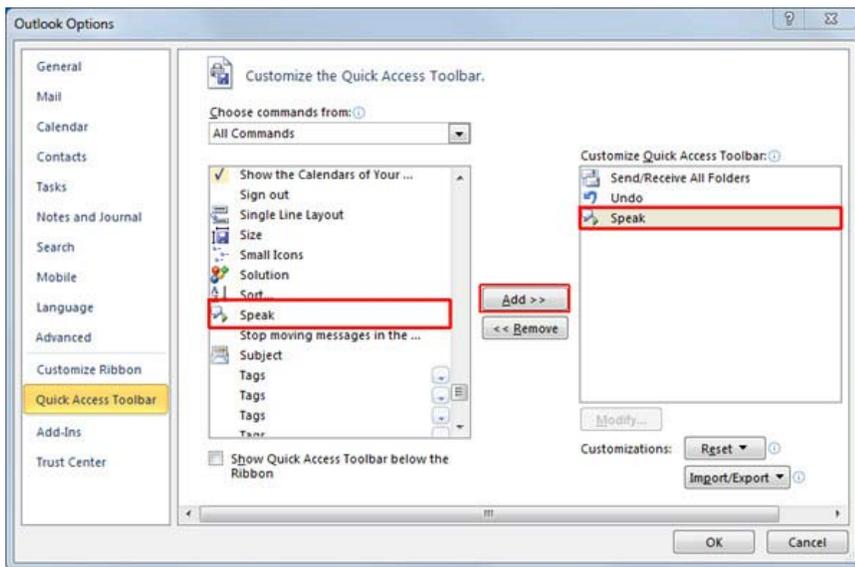
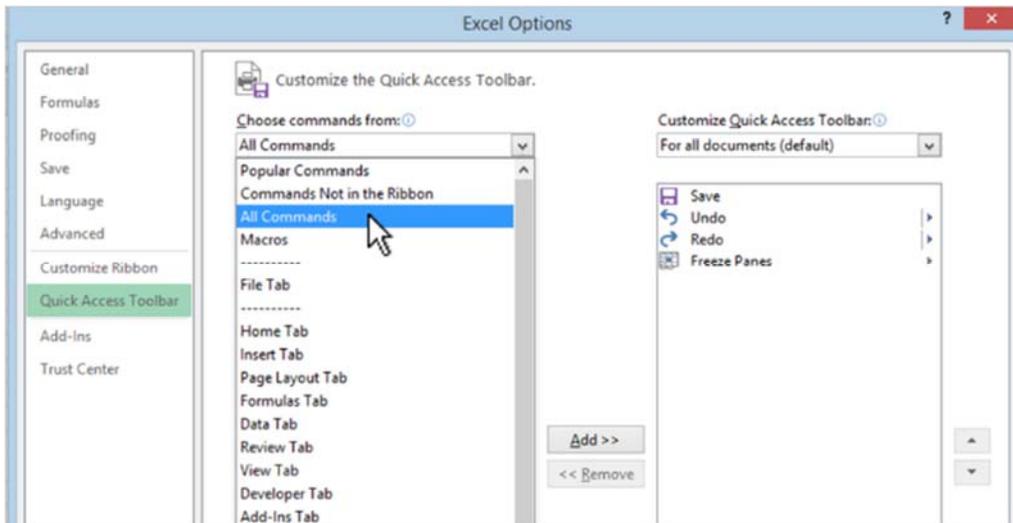
Quick Access Toolbar to add Speak to Microsoft (Text to Speech)



The **Quick Access Toolbar** is a customizable toolbar that contains a set of commands that are independent of the tab that is currently displayed.



The **Quick Access Toolbar**, pull down menu: Under Customize the Quick Access Toolbar, Click More Commands; then click All Commands, scroll down to speak, click ADD, click OK



## Text to Speech

**Microsoft Office** offers built in **text to speech** on its 2010 and 2013 office products. Text to Speech (TTS) can support students by giving them audio feedback (playback) of the text on the page. Depending on the configuration of the student's computer and the TTS engine that is installed, the student could hear most text that appears on their screen in Word, Outlook, PowerPoint and OneNote.

[https://support.office.com/en-us/article/Using-the-Speak-text-to-speech-feature-459e7704-a76d-4fe2-ab48-189d6b83333c#\\_toc282684835](https://support.office.com/en-us/article/Using-the-Speak-text-to-speech-feature-459e7704-a76d-4fe2-ab48-189d6b83333c#_toc282684835)