

Accessibility Tools in Google Apps For Education

For Students With Disabilities

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Link to this presentation: bit.ly/GAFEaccessibility

Tech + SpEd

Technology is the great equalizer that can dramatically improve the quality of a person's life through the click of a mouse button.

Technology is constantly evolving to remove barriers that emerge due to a person's social characteristics, geographic location, physical or sensory abilities. - *Dimitri Kanevsky*, White House Champion of Change



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Google Apps for Education (GAfE)



Classroom



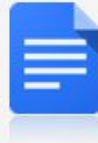
Gmail



Drive



Calendar



Docs



Sheets



Slides



Sites

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Chrome Webstore



Visit

<https://chrome.google.com/webstore/> to
access all of the great apps and
extensions available.

Reading Tools



SpeakIt! converts text into speech goo.gl/gz6L4



Google Dictionary: View definitions easily as you browse the web. goo.gl/PSiu2

Reading Tools



NewsELA: current nonfiction articles with options to differentiate by Lexile reading level
<https://newsela.com/>



Readability eliminates clutter and saves web articles in a comfortable reading view. goo.gl/J4cHfo

Reading Tools



Beeline Reader: Apply a gradient to text to make following the lines easier. Also allows you to enable OpenDyslexic Font.

<https://goo.gl/fHwcZa>



ESL-Bits.net: Listening, Reading, Audiobooks, Short Stories, Songs. <http://esl-bits.net/>

Reading Tools

Chrome OS includes a built in screen reader. *not available on Chromebooks



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Reading Tools



Free Books: Google Play offers free books in the public domain. Almost all the great classics from Aristotle to Jules Verne are there in electronic form. Students can use the screen readers in their Chrome browser on these books. goo.gl/QOu76



Newsstand: Google Play offers many free and thousands of affordable online magazines. Ideal for high interest reading engagement. Screen readers can assist with these also. goo.gl/dMJb2m

Writing Tools



Google Docs: now converts speech into text by clicking on Tools > Voice Typing



Virtual Keyboard: Provides an onscreen keyboard for students who struggle tactilely to use a keyboard.
goo.gl/3SYyso



Writing Navigator: includes four products that guide students through the writing process.
goo.gl/3TqM8i

Writing Tools



Grammarly: an essential tool for checking spelling and grammar. No matter where you are composing text in Chrome, Grammarly will check it for grammar and spelling errors.

<https://goo.gl/cLERVB>



VoiceNote: (speech to text) goo.gl/gIJRGp



Speech Pad: (speech to text) <https://speechpad.pw/>

Read & Write for Google



Read&Write for Google™ offers a range of powerful support tools

- ▣ Hear words, passages, or whole documents read aloud
- ▣ Word meanings explained with text and picture dictionaries
- ▣ Hear text translated into other languages
- ▣ Turn words into text as you speak
- ▣ Simplify and summarize text on web pages
- ▣ (NEW!) Practice Reading Aloud

<http://goo.gl/mrrii4>

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Note Taking



Mic Note -Audio Recorder & Notepad

an audio recorder + notepad, 2 in 1 tool. Students can record their teacher's voice while taking notes.

goo.gl/SFNO59



Tab Scissors & Tab Glue: Create side-by-side windows so students can look at content on one side and type on the other. goo.gl/AiUi3F

Visual Impairments



High Contrast lets you browse the web with your choice of several high-contrast color filters designed to make it easier to read text. goo.gl/OiWBz

Change font size in Chrome Browser: Go to Settings > Show advanced settings > Web Content

Zoom in Chrome Browser: Press CTRL + or -

Visual Impairments

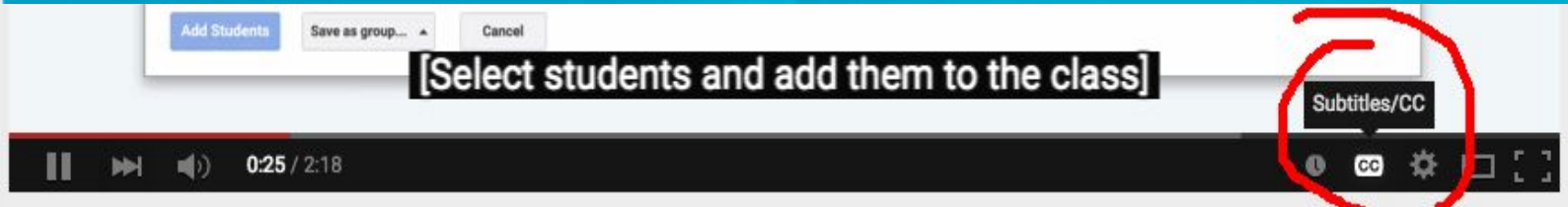


Simple Audio Recorder: Use your laptop to record reading passages, directions, dictation of notes, lectures, test questions, etc. When you stop the recording, it automatically saves the file. You can save it to your Google Drive and share with students who need it. Students can play, pause, rewind recording.

goo.gl/wLZMPE

Audiological Impairments

Youtube videos can be closed captioned



Use VoiceNote or Google Docs speech to text tool to record teacher's voice and convert it to text in real time.

Thanks!

You can find me:



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Quick Reference for this Presentation:

bit.ly/ATQuickReference

Resources

- ▣ Google Accessibility:
<http://www.google.com/accessibility/all-products-features.html>
- ▣ Disability.gov's Guide to Assistive and Accessible Technologies
<https://goo.gl/9KCmxK>
- ▣ [TechMatrix](#), funded through a grant by the U.S. Department of Education is a searchable database of over 400 assistive and educational technology tools and resources.
- ▣ [Common Sense Media](#) has an online resource and downloadable guide, "[Power Up! Apps for Kids with Special Needs and Learning Differences.](#)"
- ▣ [Graphite](#), a service of Common Sense Media, also maintains a collection of reviews of [Great Special Ed Apps and Sites](#) recommended by educators and experts working with children with special needs and learning differences.