

STRUGGLING READERS AND WRITERS NO MORE!

GA IDA CONFERENCE 3/24/2018

Use this handout as an accessibility resource for using assistive technologies (AT) to access learning materials and increase independence, collaboration and participation in instructional activities for students struggling with reading and writing.

TOPIC: AT FEATURES THAT SUPPORT STRUGGLING READERS AND WRITERS K-12TH GRADE.

Presenters:

Debbie Brineman, Ed.S, ATP
Joyce Derr, M.Ed., CCC-SLP, ATP

KEY LEARNING(S)	ESSENTIAL QUESTION?	AT ACCESS SOURCES FOR LEARNING
Access to learning through AT	What essential features of technology operating systems and software support struggling readers and writers?	Microsoft Tools, Google Tools, Read and Write, iPad accessibility, Android accessibility, Sources for reading materials with text to speech (AEMS)

ACCESS FEATURE #1	ACCESS FEATURE #2	ACCESS FEATURE #3	ACCESS FEATURE #4
Using Text to Speech for reading content materials	Using dictionaries and thesauri to help with Vocabulary and Comprehension	Using AT Supports for written expression and editing	Accessing sources for content with digital text and auditory support/ AEM
SOURCES FOR TEXT TO SPEECH	SOURCES FOR VOCABULARY SUPPORT	SOURCES FOR WRITING AND EDITING	SOURCES FOR AEM MATERIALS
<p>Microsoft Word 2016</p> <ul style="list-style-type: none"> • Read aloud • Speak • Learning Tools Immersive Reader <p>Office 365</p> <ul style="list-style-type: none"> • Learning Tools Immersive Reader <p>Microsoft 10 Accessibility</p> <ul style="list-style-type: none"> • Narrator options <p>Edge Browser and Extensions</p> <ul style="list-style-type: none"> • Read Aloud • Reading View • Read and Write 	<p>Microsoft Office 2016</p> <ul style="list-style-type: none"> • Smart Lookup • Synonym • Thesaurus • Translate <p>Office 365</p> <ul style="list-style-type: none"> • Collins Dictionary, Word Online Add-in • Text Help Study Skills Word Online Add-In • My Word Bank Word Online Add-In <p>Edge Extensions</p> <ul style="list-style-type: none"> • Read and Write Vocab supports 	<p>Microsoft Word 2016</p> <ul style="list-style-type: none"> • Outlines and graphic organizers • Templates • Researcher • Smart Art • Lucid Chart Add-in • Dictation <p>Office 365 Word Online</p> <ul style="list-style-type: none"> • Templates • Lucid Chart Add-in • Create an Outline • Dictation 	<p>Bookshare.org-textbooks, novels, magazines, newspapers</p> <ul style="list-style-type: none"> • Web Reader • Go Read App for Android • Read Aloud for Microsoft • Read2Go app for iPad <p>Learning Ally-textbooks and novels</p> <ul style="list-style-type: none"> • Link for Mac and PC • Link App for iPad and Android <p>ReadWorks.org- articles</p> <p>Newsela.com-articles</p>

SOURCES FOR TEXT TO SPEECH

SOURCES FOR VOCABULARY SUPPORT

SOURCES FOR WRITING AND EDITING

SOURCES FOR AEM MATERIALS

<p>Google Chrome Extensions</p> <ul style="list-style-type: none"> • Read and Write • Select and Speak • Grammarly <p>iPad Accessibility</p> <ul style="list-style-type: none"> • Speak Selection • Speak Screen <p>Android Accessibility</p> <ul style="list-style-type: none"> • Select to Speak <p>Commercial Tools</p> <ul style="list-style-type: none"> • Read and Write by Texthelp • Equatio, by Texthelp • Snap and Read by Don Johnston • Kurzweil 	<ul style="list-style-type: none"> • Microsoft Translator • Bing Dictionary <p>Google Chrome Extensions</p> <ul style="list-style-type: none"> • Read and Write • Dictionary • Translator • Grammarly <p>iPad</p> <ul style="list-style-type: none"> • Siri • Select and Define • Translate <p>Android</p> <ul style="list-style-type: none"> • Ask Google • Select and Define • Translate <p>Website</p> <ul style="list-style-type: none"> • Rewordify.com 	<p>Google</p> <ul style="list-style-type: none"> • Google Docs /Tools • Voice Typing • Grammarly (Chrome Extension) <p>iPad</p> <ul style="list-style-type: none"> • iPad Word Prediction • Enable Dictation • Grammarly keyboard • Co: Writer Keyboard • Read and Write Keyboard <p>Android</p> <ul style="list-style-type: none"> • Google Word Prediction • Google Voice Typing • Grammarly Keyboard 	<p>Lit2Go- literature</p> <ul style="list-style-type: none"> • Online: https://etc.usf.edu/lit2go/ • iTunesU <p>Epic Books-k-6 eBooks</p> <p>Project Gutenberg-Classic literature</p> <ul style="list-style-type: none"> • www.gutenberg.org/ • Gutenberg Books app <p>Cast.org Free Resources</p> <ul style="list-style-type: none"> • UDL Book Builder • UDL Studio • UDL Exchange
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KEY TERMS #1	KEY TERMS #2	KEY TERMS #3	KEY TERMS #4
<p>Text to Speech</p> <p>Read Aloud</p> <p>Scan and Read</p> <p>Immersive Reader</p> <p>Learning Tools</p> <p>Reading View</p> <p>Reading Mode</p>	<p>Online Dictionary</p> <p>Smart Lookup (Microsoft)</p> <p>Picture Dictionary</p> <p>Text Leveler</p> <p>Lexile</p> <p>Leveled Text</p> <p>Synonym</p> <p>Translate</p> <p>Read and Write Vocabulary List Maker</p>	<p>Spell and Grammar Check Editor (Microsoft)</p> <p>Dictation/ Voice text</p> <p>Researcher(Microsoft)</p> <p>Smart Look Up(Microsoft)</p> <p>Templates(Microsoft)</p> <p>Add-In</p>	<p>Audiobook</p> <p>eBook</p> <p>E-text</p> <p>Digital text</p> <p>Electronic text</p> <p>Reading View</p> <p>Reading Mode</p>

