Technology to Support Reading Accessibility

Tool	Icon	Subjects Supported	Type	Suggested Grade Levels	How Does the Tool Support Accessibility?	Accessibility Features Turned on in the Tool	Accessibility Features Turned on on the Device (iPad)
Blending Board (click for video) User Guide	BI	Reading	App	K-8	Support for students with decoding challenges and for dyslexic learners. Teachers can: ● Create custom blending decks, customized to a student's specific need ● Open a QR code for the student to easily receive a deck their teacher has made for them	● Decks can be completely customized for learners ● This app is designed to make learning blending sounds and multisyllabic rules more accessible and personalized.	

Explain Everything
 	
(click for video)
 	
Lower Case Tracing Template
 	
Lower Case Tracing Template
	EDU	All	App	K-8	A whiteboard app:
					● Import and modify a variety of files/videos
					● Immediate feedback
					● Useful for remote learning
					● Sharing capabilities
					● Option to save as video file
					● Writing/drawing on templates
					● Ability to highlight text and/or annotate work
					● Ongoing electronic journal
					● Import videos and clips into presentation
					● Create templates, storyboards, or other graphic organizers
					● Letter Tracing: Tap 3 dots, choose Open In/Explain EDU
						● Shapes & clipart
						● Audio recording
						● Video recording
						● Change colors, fonts, sizes
						● Laser pointer available
						  ○ when recording
						  ○ presenting
						  ○ A way for a student to track their reading (teacher to provide PDF file of text)
						● Insert photos, images, clips, images from camera
							Zoom - to enlarge the display
							Font Size
							Dictation - allows student to type by verbally dictating
							Speak Selection - Students can highlight text and choose "Speak" to have the device audibly read the text.

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G Suite for Education: ● Google Docs ● Google Slides ● Google Sheets		**All**	**App**	**6-8**	Grade 6-8 students can create, store, and share documents, spreadsheets, and presentations. Click **links** to explore Accessibility ideas. ● **Google Docs:** word processing software to create and edit documents using a variety of fonts, colors, tables, and tools. ● **Google Slides:** presentation software that allows you to show your work in a visual way using text, images, and videos. ● **Google Sheets:** spreadsheet software for collecting data and presenting with charts and graphs.	● Use the iPad microphone to: 　○ Speak to text (for typing & editing) ● Screen reader & magnifier ● Supports Informative text and other web accessibility settings (link)	**Screenshot:** capture a portion of the screen with your camera. **Zoom:** to enlarge the display **Magnifier:** intended for visually impaired users to magnify content. **Display and Text Size:** used to adjust the text and font size. **Dictation:** allow students to type by verbally dictating. **Subtitles & Captioning:** puts written words with video **Speak Selection:** highlight text and choose "speak" to have the device audibly read the text. **Spell** - Student can highlight a word, select 'Spell' and have it audibly spell out the word **Dictionary** - Student can highlight text, select 'Look Up' to view dictionary definition
Keynote		**All**	**App**	**K-8**	Keynote is a presentation app that allows: ● audio-record work presented ● Students can export their presentations as a video file ● Students to represent reports into a presentation ● insert photos/clipart or other visuals onto their work ● animate visuals on their presentation project	● Formatting and drawing tools ● change background colors ● change fonts	**Screenshot:** capture a portion of the screen with your camera. **Zoom:** to enlarge the display **Magnifier:** intended for visually impaired users to magnify content. **Display and Text Size:** used to adjust the text and font size. **Dictation:** allow students to type by verbally dictating.

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NewsELA		**All**	**Website**	**2-8**	Website: https://newsela.com NewsELA is a news website that provides articles related to informational text for students. In terms of accessibility, NewsELA articles can be customized to a student's reading ability by changing the article's reading level. By doing this, all students can access the same article, but at different reading levels. Many articles also incorporate quizzes and additional worksheets, based on the reading level assigned to the student.	● Alt Text for visually impaired ● Colors adjust for contrast standards ● Graphics can be adjusted for size ● Accessible with screen readers ● Text Annotation in multiple colors ● Text-to-Speech Embedded Features: - Annotating capabilities - Text to speech - Highlighting - Leveled reading passages - Zoom Features	**Screenshot**: capture a portion of the screen with your camera. **Zoom:** to enlarge the display **Magnifier**: intended for visually impaired users to magnify content. **Display and Text Size:** used to adjust the text and font size. **Dictation:** allow students to type by verbally dictating. **Subtitles & Captioning:** puts written words with video **Speak Selection:** highlight text and choose "speak" to have the device audibly read the text.
Numbers		**All**	**App**	**K-8**	Numbers is a spreadsheet app that: ● helps a user create spreadsheets to collect data/information and present it into a graph or table ● allows for a whiteboard-style interface that supports student expression in different ways than just numbers in a grid	● Deleting the primary spreadsheet object to create a whiteboard area ● Clip Art library to show understanding in different ways ● Smart Annotation (using finger or stylus) allows for highlighting, drawing, and other annotation features	**Zoom** - to enlarge the display **Display and Text Size:** used to adjust the text and font size. **Dictation** - allows student to type by verbally dictating Speak Selection - Students can highlight text and choose "Speak" to have the device audibly read the text. **Spell** - Student can highlight a word, select 'Spell' and have it audibly spell out the word

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						inside a document.	**Dictionary** - Student can highlight text, select 'Look Up' to view dictionary definition
Pages		**All**	**App**	**K-8**	Pages is a word processor program on the iPad (think Microsoft Word). Pages allows students to: ● Type documents ● create digital books ● other types of digital documents Students that struggle with language, spelling, or typing can benefit by using the built-in iPad accessibility features.	● Clip Art library to show understanding in different ways ● Smart Annotation (using finger or stylus) allows for highlighting, drawing, and other annotation features inside a document.	**Zoom** - to enlarge the display Font Size **Dictation** - allows student to type by verbally dictating **Speak Selection** - Students can highlight text and choose "Speak" to have the device audibly read the text. **Spell** - Student can highlight a word, select 'Spell' and have it audibly spell out the word **Dictionary** - Students can highlight text, select 'Look Up' to view dictionary definition Subtitles and Captioning
Reading Pen **(click for video)**		**All**	**Device**	**K-8**	Reading pens provide students a handheld way to listen to printed text being read aloud. The pen is guided over printed words and sentences, and after the text is scanned, it can read it aloud over and over on demand. Students can scan the most difficult words, and repeat them after hearing them read. supports oral and reading fluency.		

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Voice Memos **For Oral Reading Fluency** **Voice Memos How To**		**All**	**App**	**K-8**	Voice Memos allows a student to audio record in a variety of situations, like: ● Oral reading fluency ● steps to complete assignments ● homework reminders ● multi-step instructions ● Math problem-solving	● Audio Recording ● Audio editing	
Safari		**All**	**App**	**K-8**	Safari is a web browser that allows students to access websites. In terms of accessibility - Safari has features that: ● reduce unnecessary graphics (pictures, advertisements, oversized text, etc) ● easily access website text with minimal distractions	● Reader View eliminates distractions for viewing text content ● Allows for options to mark up the text and text size	Speak Selection - Students can highlight text and choose "Speak" to have the device audibly read the text. Spell - Student can highlight a word, select 'Spell' and have it audibly spell out the word Dictionary - Student can highlight text, select 'Look Up' to view dictionary definition
Seesaw		**All**	**App**	**K-8**	Seesaw is a unique learning management system (app) that allows a teacher to send/receive assignments to students digitally. Uses for Seesaw: ● Differentiation of content through teacher created activities ● Multiple forms of learning and	● Drawing tools ● Audio recording ● Video recording ● Interactive click and move ● Insert shapes & other images ● Change contrast ● Change colors	Zoom - to enlarge the display Font Size Dictation - allows student to type by verbally dictating Speak Selection - Students can highlight text and choose "Speak" to have the device audibly read the text.

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					assessing ● Note-taking while learning ● Options for feedback and correction ● Motivation with digital rewards ● Accessible from numerous devices ● Family messaging can be individualized ● Audio and video for student work and comments		