

ASSISTIVE TECHNOLOGY - Free AT Tools for Mobile Devices - 2020

Links below are to App Store but most apps are also available for android devices

Built in accessibility:

All mobile devices feature free built-in assistive technology. Most current devices provide free text to speech and speech to text (dictation technology).

There is ample information available about assistive tech available on Apple devices (see below).

For those with android devices a little investigation of the 'settings' of the device or a web search for info on AT tools on your particular device should reveal what is possible.

Assistive Tech on Mobile Devices - General info:

Article: [Assistive Technology That's Built Into Mobile Devices](#)

Assistive Features of Apple IOS devices

Website: [iOS: Possibilities for every ability](#)

A Free E-Book on what AT is available for Apple users

eBook: [Dyslexia: Supporting Students](#)

TOOLS THAT ASSIST WITH THE READING & RESEARCH PROCESS

Readerview

Enabling 'Readerview' in Safari declutters webpages by removing distracting images and pop-ups. You can also alter font size, text colour and background colour via 'readerview' on iPads and iPhones.

Article: [ReaderView: Hide ads and distractions in Safari on iPhone](#)

**reader view option varies depending on IOS version.*

Text to Speech

- **Article:** [Hear iPad speak the screen, selected text, and typing feedback](#)
- **Article:** [Hear iPhone speak the screen, selected text, and typing feedback](#)
- **Article:** [iPad User Guide: Read PDF documents in Books on iPad \(PDFs\)](#)

You can have text anywhere on your iPad or iPad read aloud to you by your device by simply altering some settings, highlighting text then selecting, 'speak'

Prizmo Go

Download app: [Prizmo Go - Text Grabber](#)

Allows student to take photos of a text e.g. worksheets, a page in a book and have the text read aloud to them. This app also allows student to add typed or spoken notes to the document.

Seeing Ai

Download app: [Seeing Ai](#)

Scans Short Text - Speaks text as soon as it appears in front of the camera. Documents - Provides audio guidance to capture a printed page, and recognizes the text, along with its original formatting. Has many other applications.

Websites Tools that simplify complex texts

Rewordify

Website: [Rewordify](#)

Copy and paste text and rewording will simplify technical language. Has many other assistive features too.

Smmry

Website: [Smmry](#)

Copy and paste text or urls and **Smmry** will reduce the text to only the most important sentences.

Annotating (Website pages and PDFs)

- **Article:** [Making the Most of Markup Tools in iPadOS](#) (Web pages)
- **Article:** [Save and mark up PDFs on your iPhone, iPad or iPod touch with the Books app](#) (PDFs)

You can 'mark-up' and save notes made to Webpages and PDFs on your iPad and iPhone.

TOOLS & APPS THAT ASSIST WITH THE WRITING PROCESS

Apps for mind mapping & planning

AudioNote

Download app: [AudioNote](#)

Students can take notes synced to audio voice recordings to plan a writing task or record ideas. Text, photos and videos can be added. Excellent for all subjects, ages and stages.

** Free version has pop-up ads.*

Simple Mind

Download app: [Simple Mind Mind-Mapping](#)

Create a simple or detailed mind map to record your thoughts or key points from research.

Dictation Technology (Speech to Text) on Apple iPad/iPhone

On iPad and iPhone (and many android devices), you can dictate text instead of typing. For Apple devices make sure 'Enable Dictation' is turned on. On most mobile devices internet is required for dictation to work. Speaking close to the base of the iPad is best for that is where the microphone is located.

Guide: [Dictate text on iPad](#)

Dictation Technology (Speech to Text) General Info

Article: [Dictation \(Speech-to-Text\) Technology: What It Is and How It Works](#)

Article and Video: [2-Minute Tutorial: How to Use Speech-to-Text on Your Phone](#)

Writing Apps that provide spelling and grammar assistance

Apps and tools that assist with spelling and grammar via phonetic text prediction are not yet available for free. If you would like to find out more about these paid apps and tools click on the link below:

Article: [Word Prediction Technology: What It Is and How It Works](#)

APP THAT ALLOWS USER TO ADD TEXT TO TEXT TO A WORKSHEET VIA TYPING OR DICTATION

SnapType

Download app: [SnapType](#)

Free version allows for 3 documents to be saved

Take photos of worksheets or import worksheets from anywhere on your device. Then use your keyboard or voice to add text to these documents. Allows user to print, email, or share their creations.

MATHEMATICS APPS AND WEBSITE TOOLS

Photomath App

Download app: [Photomath App](#)

PhotoMath reads and solves handwritten mathematical expressions by using the camera of your mobile device in real time.

ModMath App

Download app: [ModMath App](#)

ModMath assists students who struggle with Mathematical notation. The app lets you write and solve math problems right onto the touch screen of an iPad using the custom keypad, and you can print, email, or save to cloud services like Dropbox.

COOL WEBSITES THAT PROVIDE FREE ASSISTIVE TECHNOLOGY TOOLS

Mathsbot

Website: [Mathsbot](#)

Free online maths manipulatives.

National Library of Virtual Manipulatives

Website: [National Library of Virtual Manipulatives](#)

Free online maths manipulatives.

Weblinks with many more ideas and tips for mobile devices

Understood.org

- **Website:** [Tech Finder - Expert-approved apps & games for your child](#)
- **Article:** [Assistive Technology for Learning: What You Need to Know](#)
- **Article:** [Assistive Technology That's Built Into Mobile Devices](#)
- **Article:** [Free Online Assistive Technology Tools to Help With Reading, Writing and Math](#)

Comprehensive Free & Low Cost AT Guide

Website: [Free or low cost assistive technology for everyone](#)

**For information about AT for laptops please see tip sheet : 'Free AT tools for Laptops'*

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