Lunch & Learn

**With our BridgingApps Team**

Getting to Know Accessibility Features that Can Help with Low Vision and Reading Content Aloud

BridgingApps helps people with disabilities use technology to enhance their lives
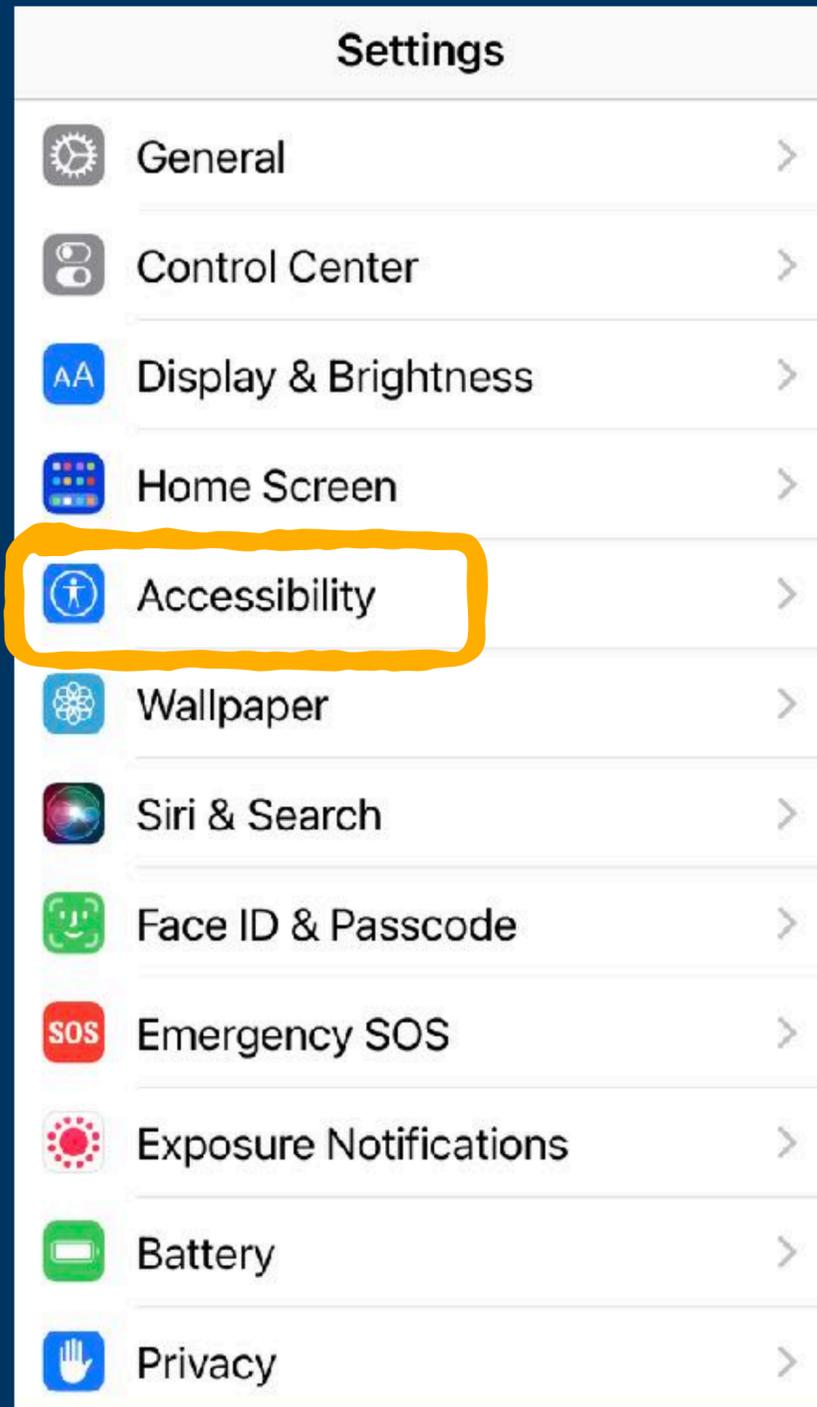
Lunch & Learn Rewind

Wearable Devices to Track Important Health Data

Check out our website and search our blog for information as a review of the information we have shared in the past
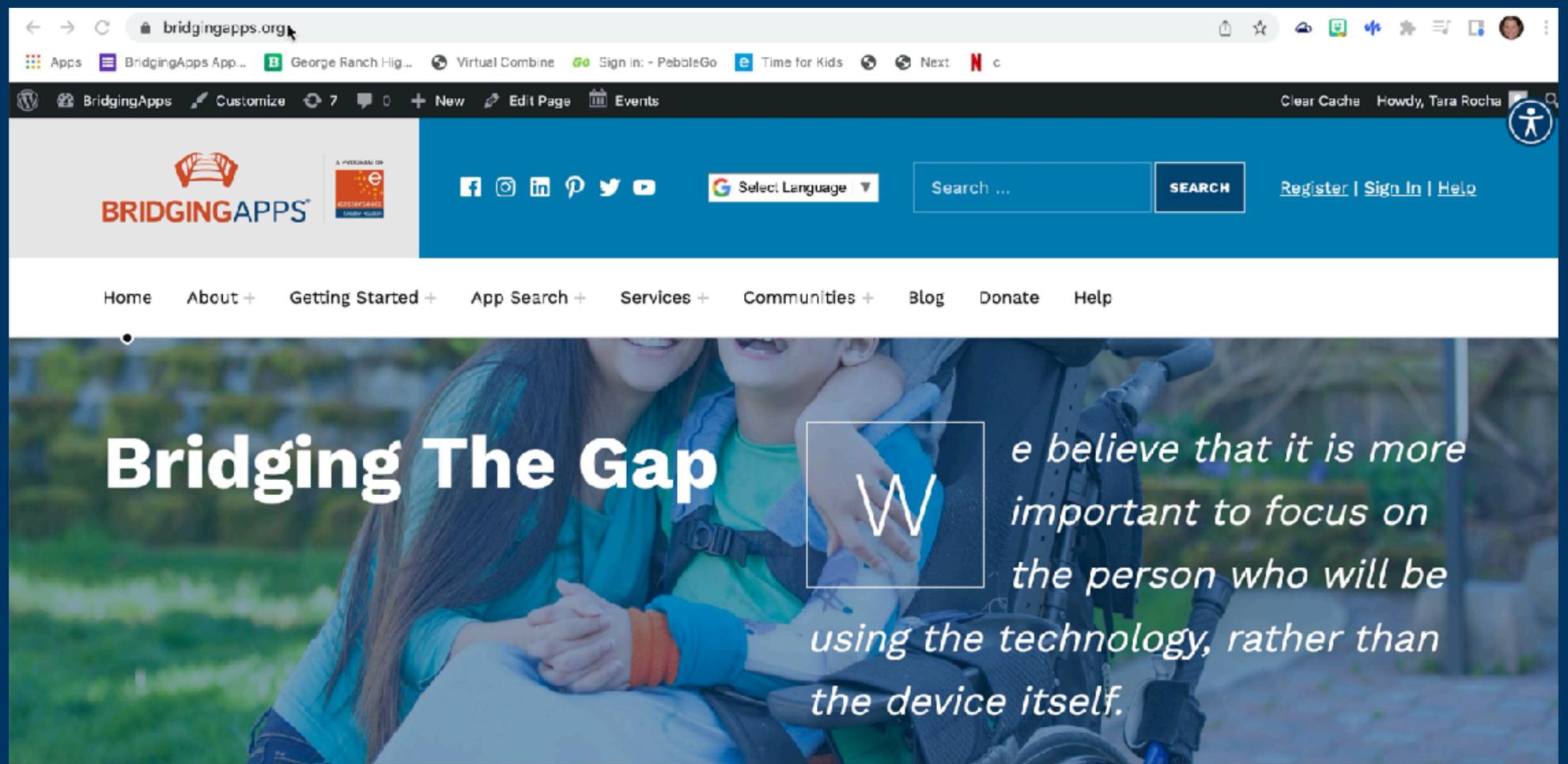
Getting to Know Accessibility Features that Can Help with Low Vision and Reading Content Aloud

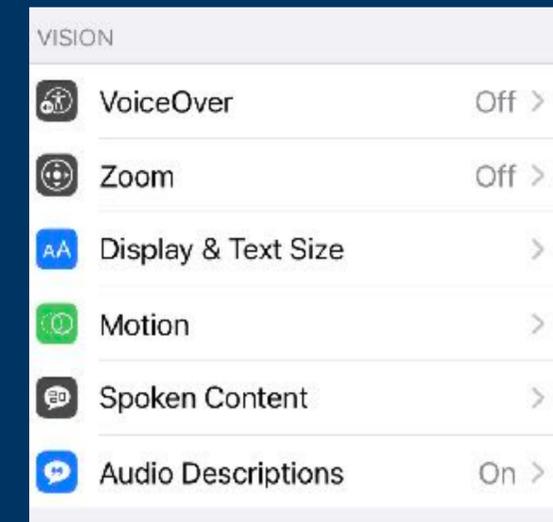Accessibility Features help you customize your iPhone for your individual needs

In this four part series of Accessibility features we will be going through each of the four sections found in the accessibility menu in Apple Settings.

- Vision

- Physical & Motor

- Hearing

- General
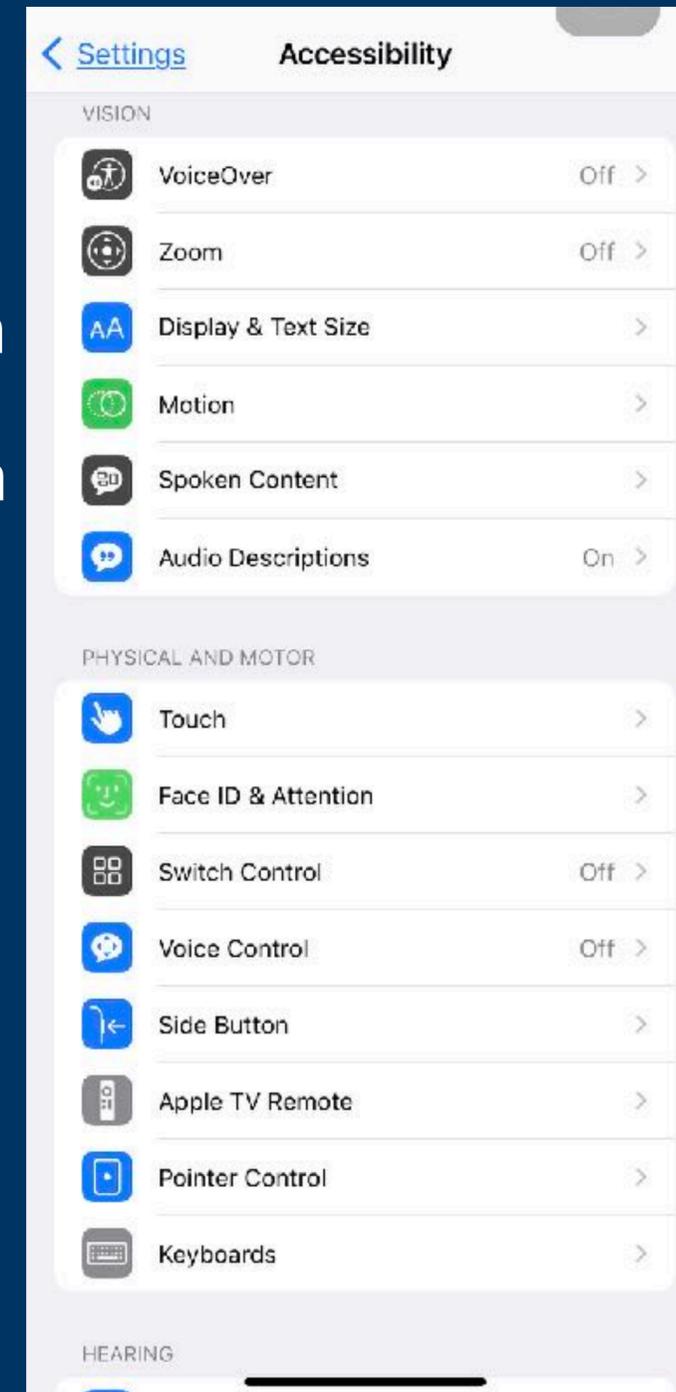
We will start by going through the "Vision" accessibility features this week.

VoiceOver*

- VoiceOver Speaks items on the screen

  - Tap once to select an item, but can customize gestures under "Touch Gestures" for other shortcuts.

  - Double-tap to activate selected item

  - Change the speaking rate

  - Choose from a variety of different voices (accents, male/female)

  - Detect Languages

  - Settings for Braille customization
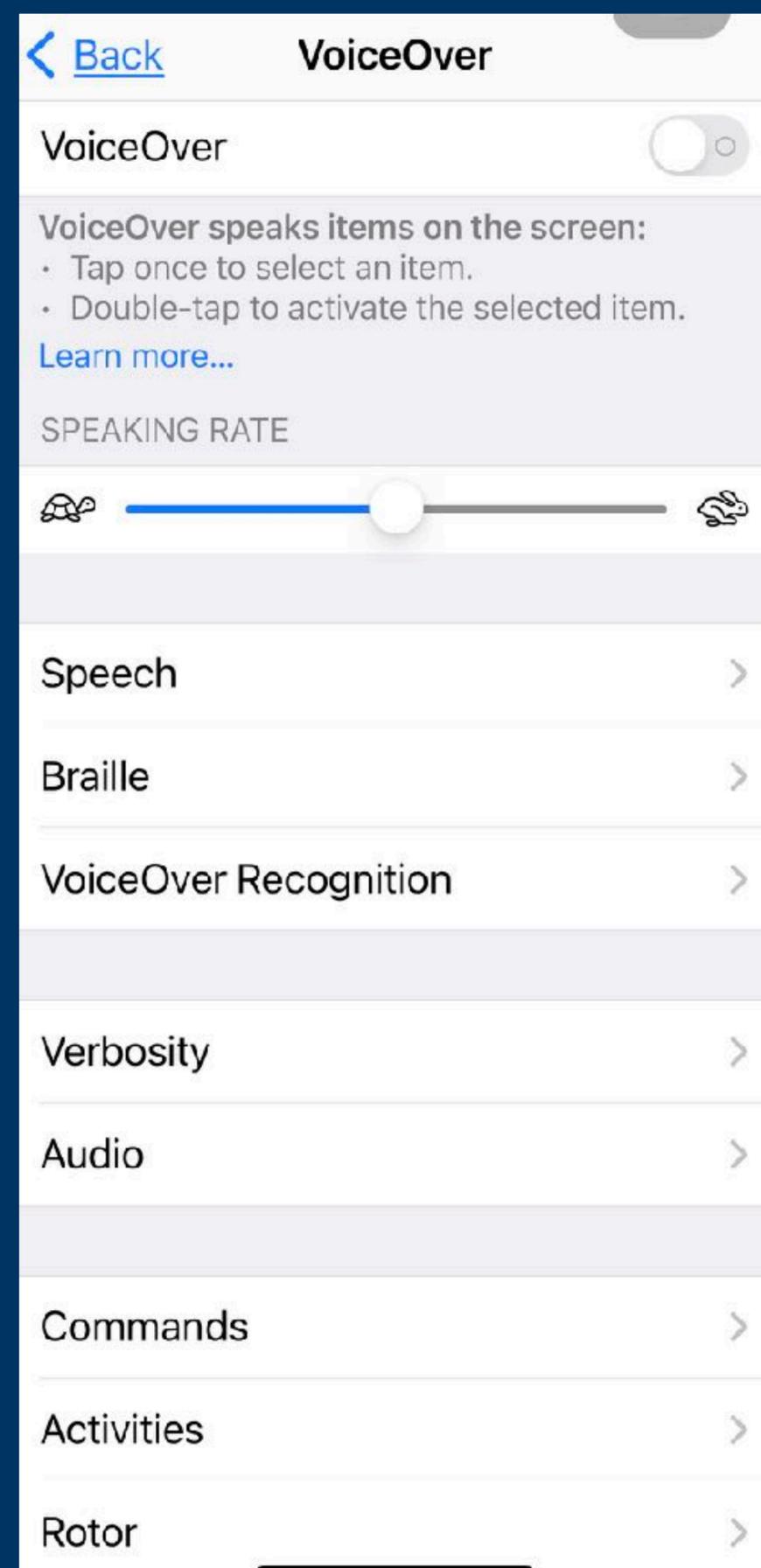
*Good for people that have lost their vision or are losing their vision

Zoom

- Magnifies the entire screen with the following shortcut gestures:

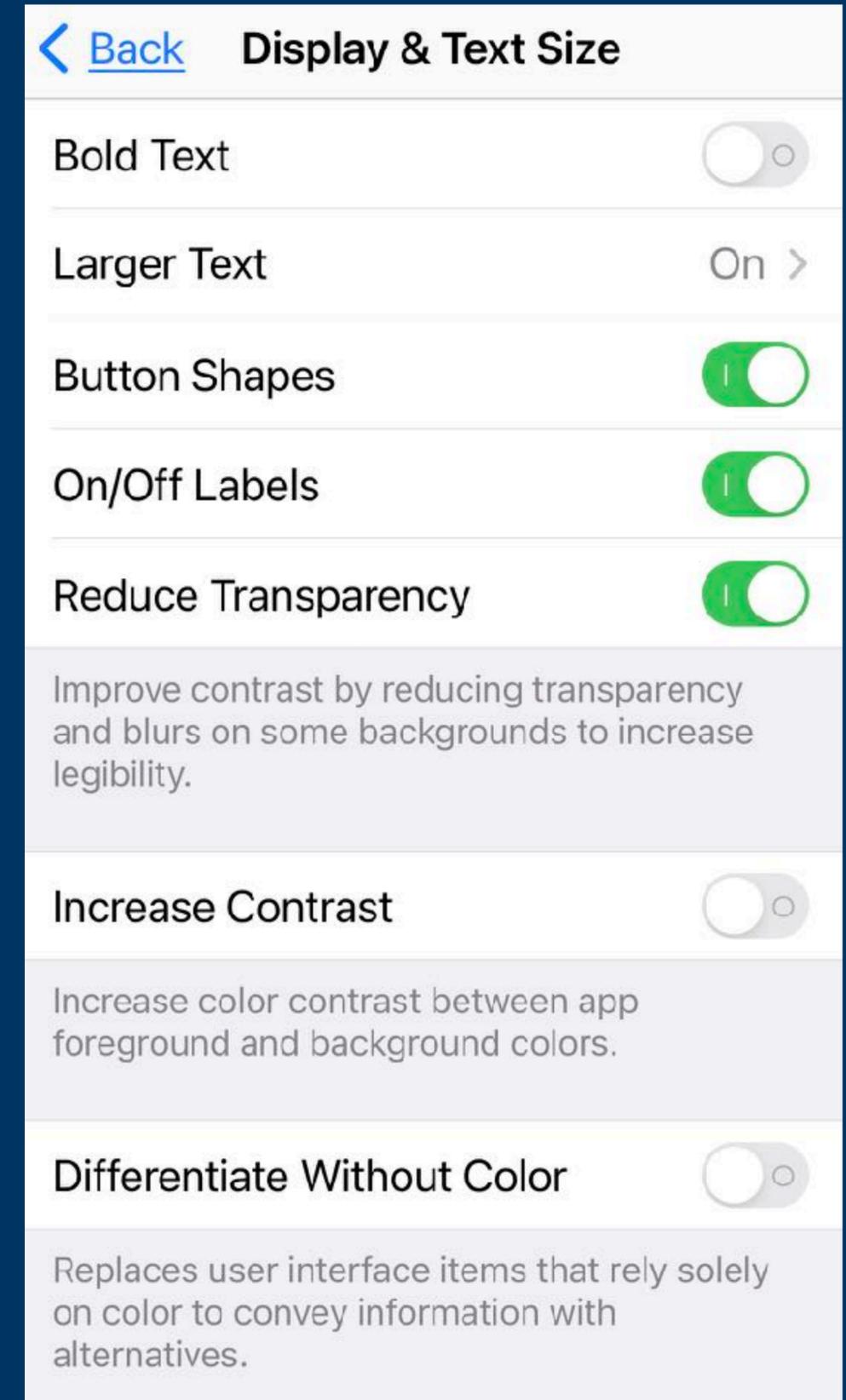 - Double-tap three fingers to zoom

  - Drag three fingers to move around the screen

  - Double-tap three fingers to move around the screen

- Turn toggle switch in the "on" position

- Follow Focus - toggle switch on moves the zoom window to the area that you are typing in and follows along in that same part of the screen as you type

- Smart Typing - switches to Window Zoom when a keyboard appears and move the window so that text is zoomed, but the keyboard is not

- Zoom controller - allows quick access to zoom controls

Display & Text Size

- Bold Text - Toggle switch to make text bold which applies to menus, words on screen, etc.

- Larger Text - Toggle switch to allow for larger text on apps that support dynamic type to increase to preferred reading size using the slider on the screen

- Button shapes - underlines words in menus to select them easier, buttons highlighted in another color like blue to see which menu you are in

- On/Off Labels - adds additional symbols to the toggle switches to help them look more like on/off buttons

- Reduce Transparency - Improve contrast by reducing transparency and blurs on some backgrounds to increase legibility

- Increase contrast - Increase color contrast between app foreground and background colors
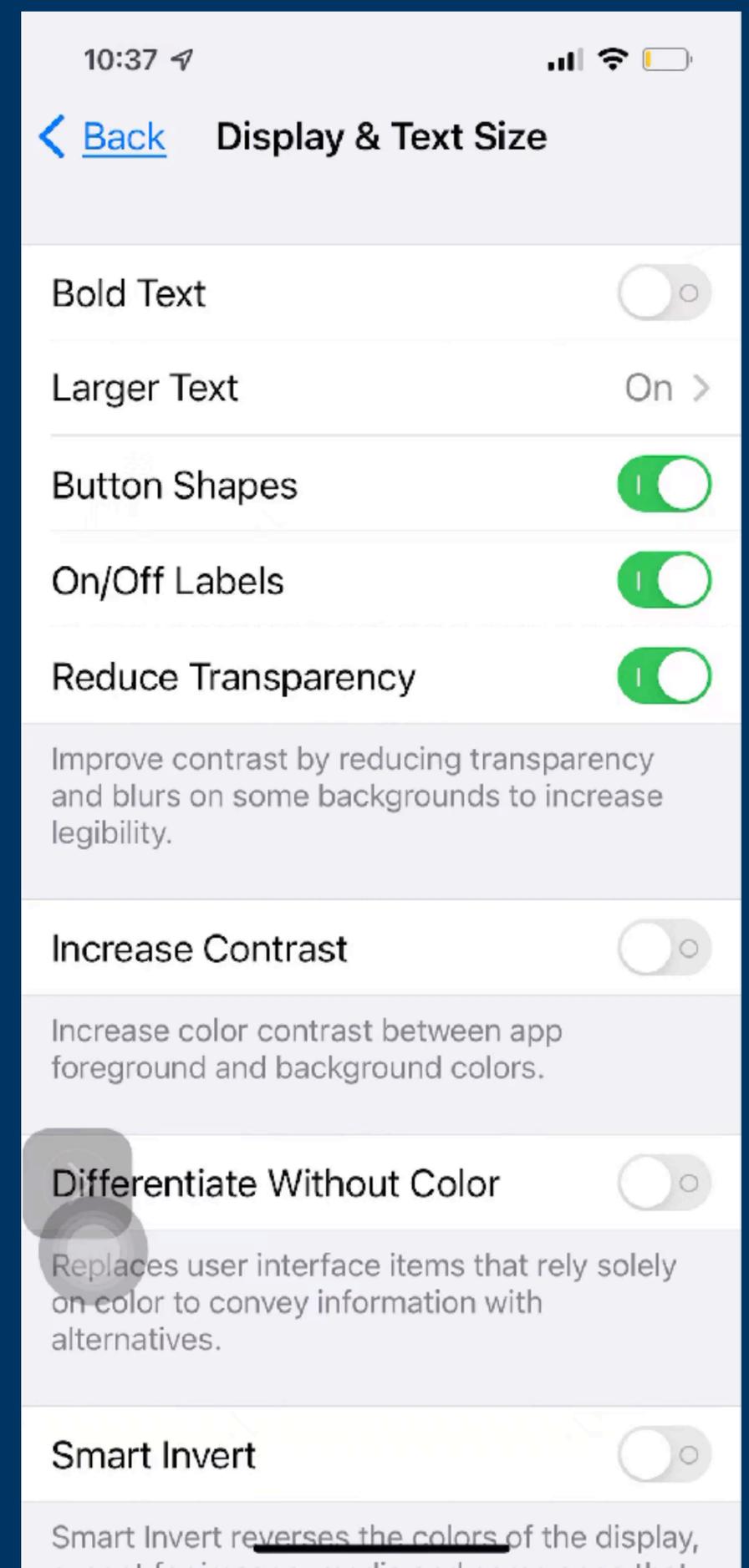
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Display & Text Size

- Differentiate Without Color - Replaces user interface items that rely solely on color to convey information with alternatives

- Smart Invert* - Reverses the colors of the display except for images, media and some apps that use dark color styles.

- Classic Invert* - Reverses the colors of the display

- Color Filters - Can be used to differentiate colors by users who are color blind and aid users who have difficulty reading text on the display

- Reduce White Point - Reduce the intensity of bright colors

- Auto-Brightness - Turning off this feature may affect battery life and long-term display performance
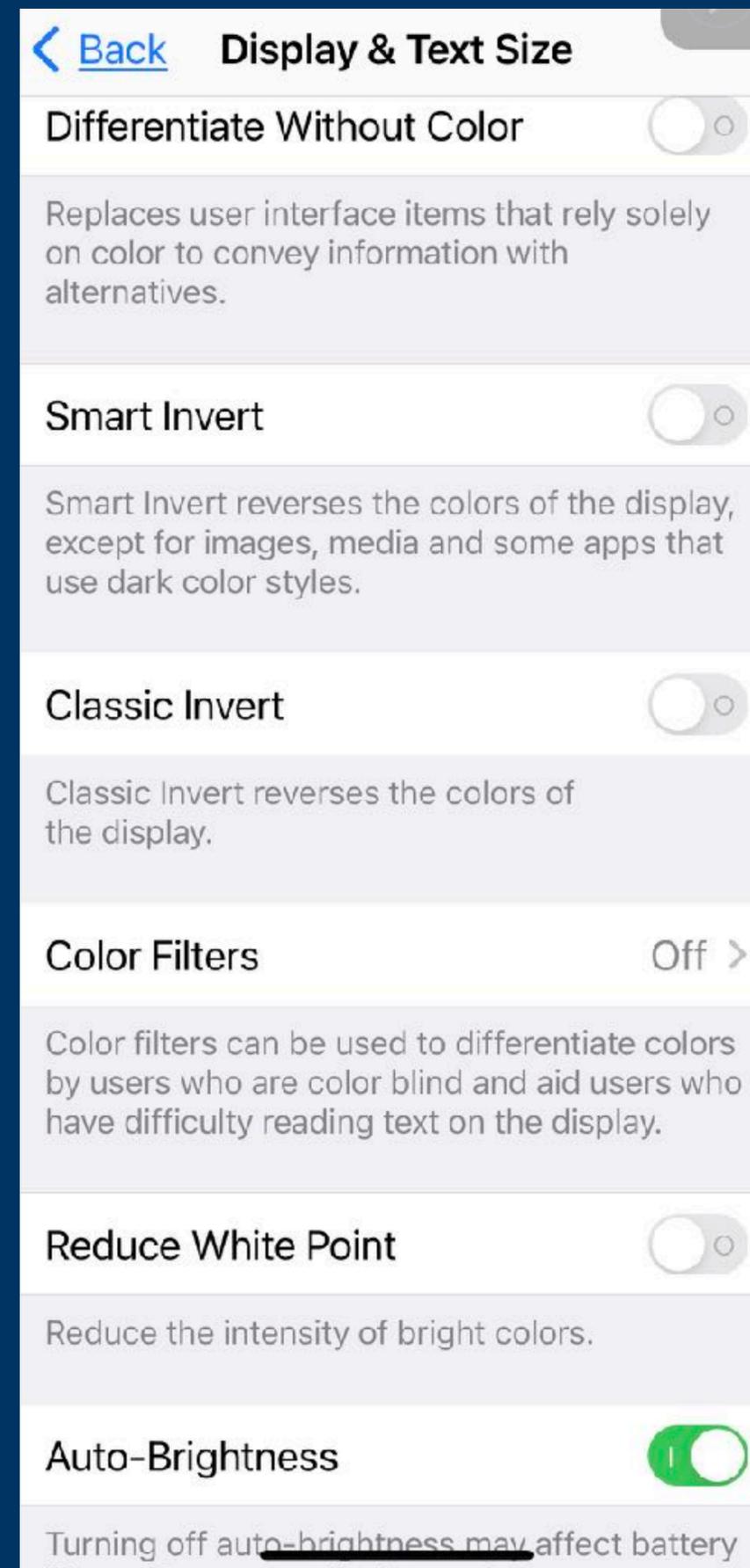
*Allows people with dyslexia to distinguish letters and isolate text as they are reading it

Motion*

- Reduce Motion - Toggle switch to reduce the motion of the user interface, including the parallax effects of icons. When in low power mode, perspective zoom of wallpapers will be disabled.

- Auto-Play Message Effects - Toggle switch allows fullscreen effects in the messages app to auto-play

- Auto-Play Video Previews
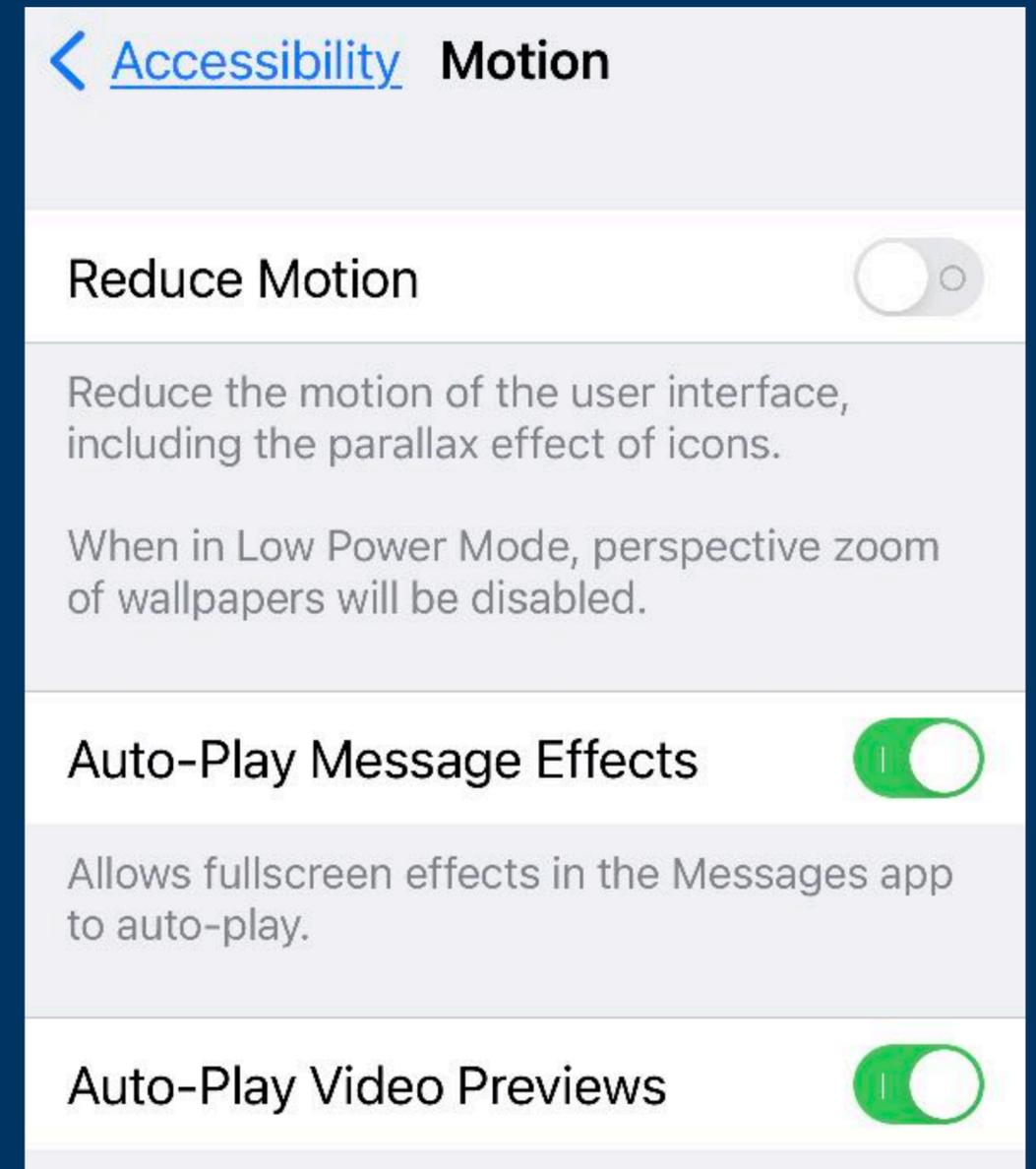
*Good for people that have sensitivity to motion effects

Spoken Content

- Speak Selection - Toggle switch gives users a "Speak" option when you select text. Great for having text messages read aloud when you hold down the message, etc.

- Speak Screen - Toggle switch allows users activate this feature using a simple gesture of swiping down with two fingers from the top of the screen to hear the content of the screen.

- Speech Controller - Toggle switch gives users a "play" button that can be used to have text read aloud when needed. The button can be moved around on the screen similar to the accessible home button.
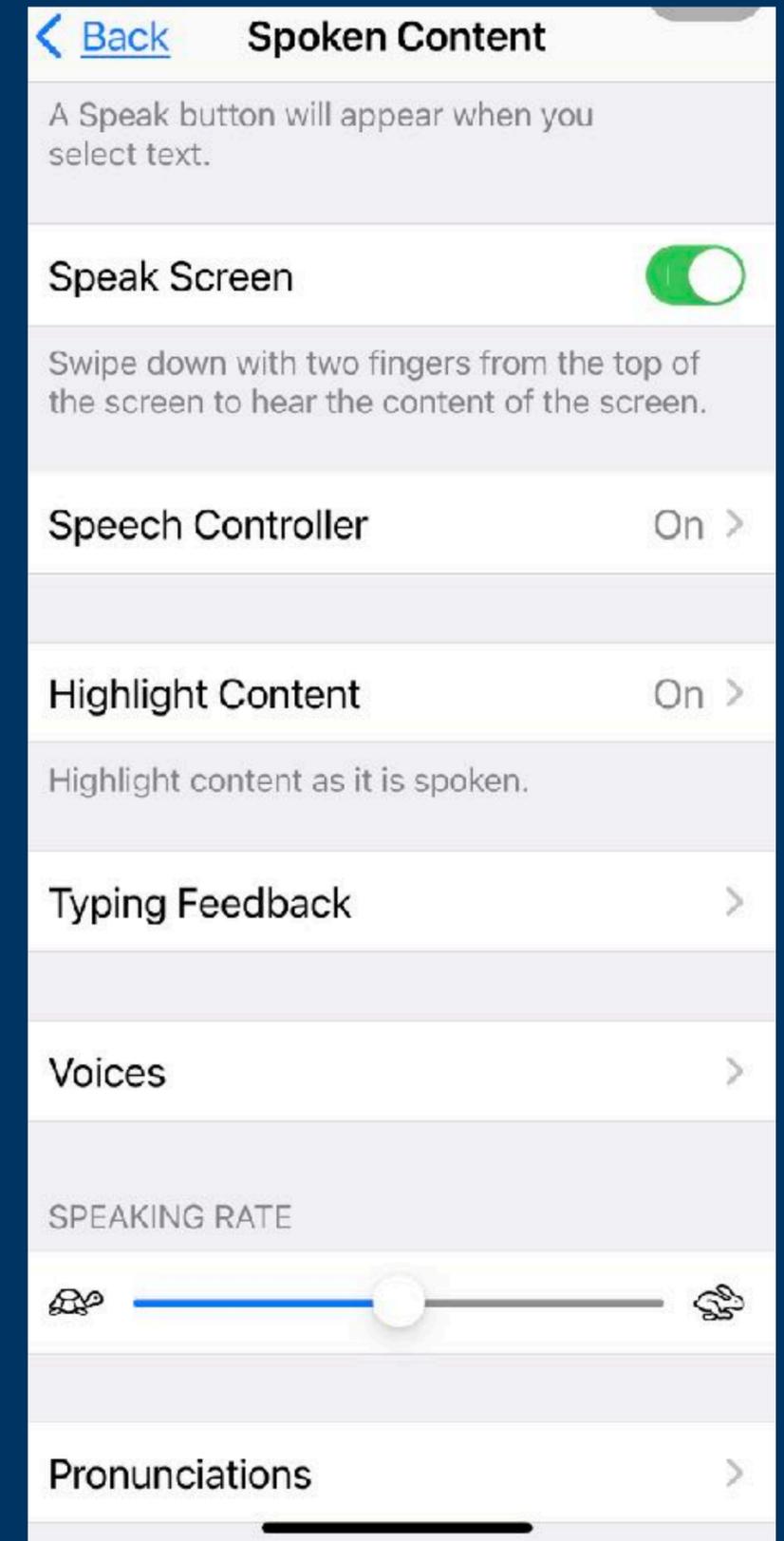
Spoken Content

- Highlight Content - Toggle switch displays a cursor around the selected item during Speak on Touch. Highlight text according customized settings for words, sentences, or a combination of both for Speak Selection and Speak Screen. Customize highlight styles and colors.

- Typing feedback - This menu allows users to customize audible feedback when typing characters, words, speak auto-corrections, and enable typing prediction to hear the word spoken

- Voices - This menu allows users to customize voices in each language and download others

- Speaking Rate - Slider allows users to change the speaking rate

- Pronunciation - This menu allows users to add in custom pronunciations for words and names that are frequently mispronounced when using speak aloud

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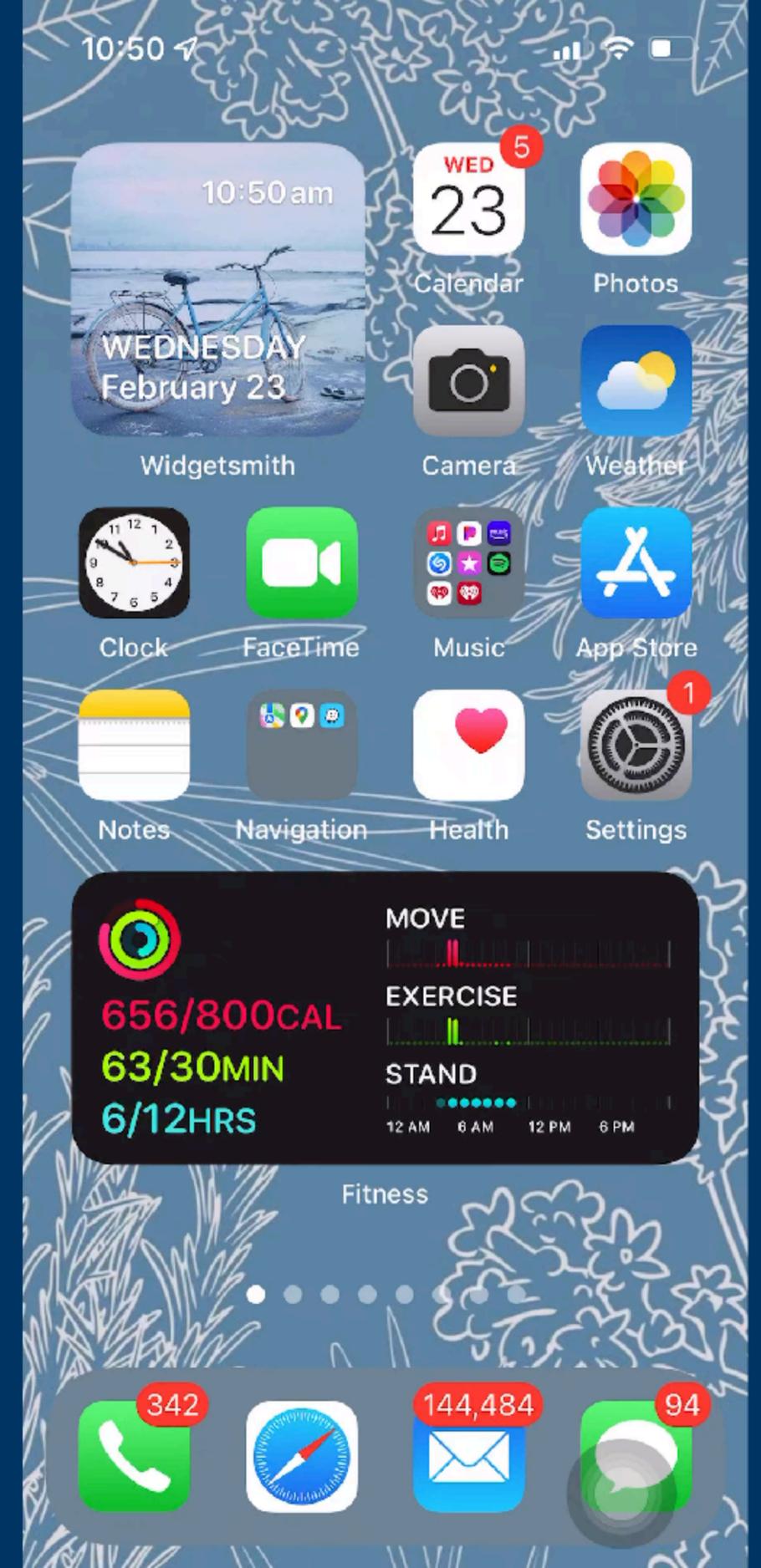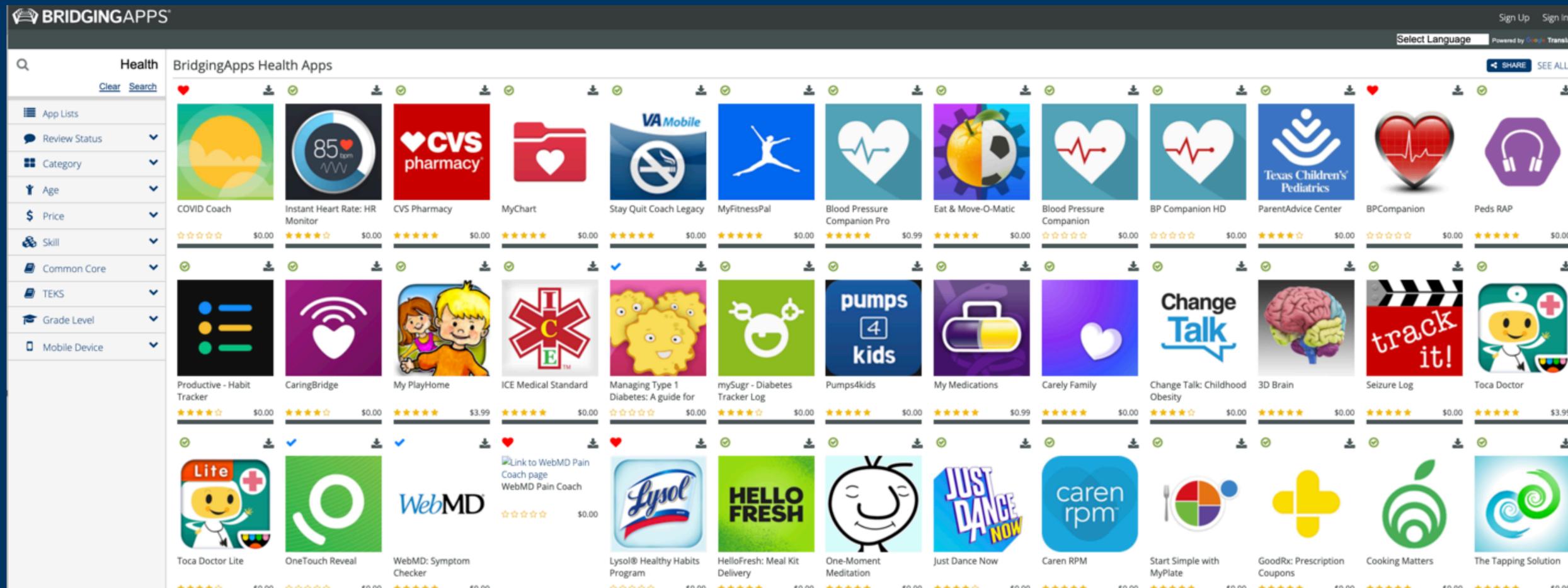
Audio Descriptions

- Toggle switch enables audio descriptions to automatically play when available

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