

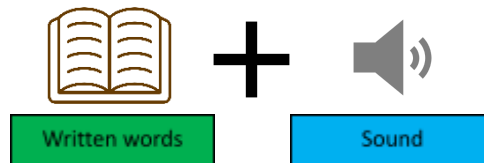
Customizing text-to-speech technology may help people with aphasia read better

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An accessible version of:

Reading comprehension and processing time when people with aphasia use text-to-speech technology with personalized supports and features

Text-to-speech (TTS) plays words aloud at the **same time** you see the text.



People with aphasia can use TTS on their phones, tablets or computers.



TTS can help **some** people with **comprehend better**.

aphasia **read faster** and



But, you need to use TTS at the **right speed**.

Each person's TTS speed is

different.



This study used eye tracking technology to find the **personally best speed** of TTS for 3 people with aphasia.

Someone's personally best TTS speed is a combination of their **comfort**, how well they **understand** what they're reading, and their **reading speed**.



Customizing text-to-speech (TTS) rates is important for making sure people with aphasia are **getting the most** out of this **reading technology**.

