

Make effective use of technologies to support access

A suggestion for implementing the strategy
'Helpful classroom strategies in years 9-13'
from the Guide: [Dyslexia and learning](#)

Includes:

Coach writers using collaborative tools

Make accessibility tools available to all

Offer text-to-speech tools

Provide audio supports

Use tools and apps with built-in supports

Useful resources

Inclusive Education

From

Guide: [Dyslexia and learning](#)

Strategy: [Helpful classroom strategies in years 9-13](#)

Suggestion: [Make effective use of technologies to support access](#)

Date

13 October 2021

Link

inclusive.tki.org.nz/guides/dyslexia-and-learning/make-effective-use-of-technologies-to-support-access2

Coach writers using collaborative tools

Sandra Gillies shares how she utilises collaborative tools to support students with dyslexia to expand and organise their writing.



Video hosted on Vimeo <http://vimeo.com/100662202>

Closed Captions

Source:

[Ministry of Education, inclusive education videos \(NZ\)](#)

<http://vimeo.com/album/2950799>

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Make accessibility tools available to all

Introduce all students to free or inexpensive tools that can remove barriers and provide support for literacy learning.

- ✓ Text-to-speech (TTS) software converts text from a website or digital document into speech by reading written information aloud. It is often highlighted with word tracking.
 - [TTS on Mac operating systems](#)
 - [Natural Reader](#)
 - [Read and Write for Google Docs](#)
 - [Read and Write for Google Chrome](#)
- ✓ Word prediction software predicts a required word as a student writes, producing a list of words. Explore [LetMeType](#).
- ✓ Explore [Mercury Reader](#) or use the Reader function on Mac operating systems to access clutter-free web pages.
- ✓ Spell and contextual grammar checkers. Explore [Ginger for Chrome](#).
- ✓ Closed Captions (subtitles). Turn them on when sharing videos with students.

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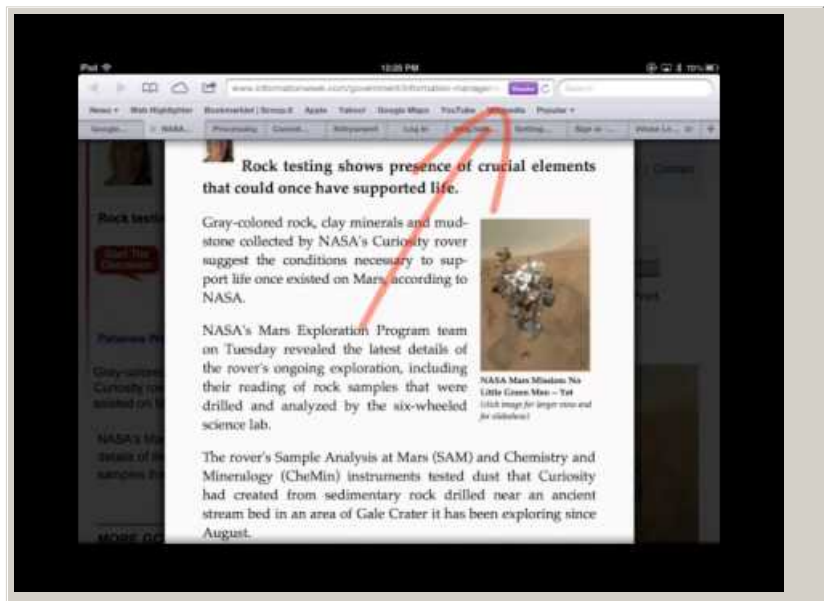
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Offer text-to-speech tools

Kit Hard demonstrates the value of text-to-speech tools. He illustrates how to use them on an iPad.



Video hosted on Youtube <http://youtu.be/pkmY-peIRjI>

[View transcript](#)

Source:

[Kit Hard \(US\)](#)

<http://www.youtube.com/watch?v=pkmY-peIRjI>

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Provide audio supports

For efficient user-paced multimedia learning, provide children with dyslexia information in an auditory way or with auditory support.

Carolien Knoop-van Campen, Eliane Segers, and Ludo Verhoeven

Source:

[The modality and redundancy effects in multimedia learning in children with dyslexia](#)

<https://onlinelibrary.wiley.com/doi/epdf/10.1002/dys.1585>

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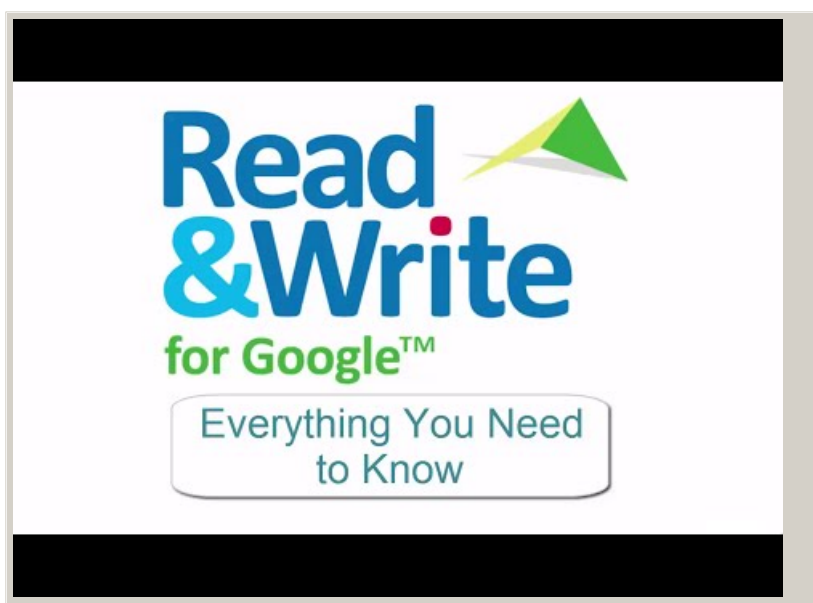
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Use tools and apps with built-in supports

Model how to use text-to-speech, dictation, glossaries, and highlighters.



Video hosted on Youtube http://youtu.be/hwC_hJ7KmAg

Closed Captions

Source:

[David Salmon \(US\)](#)

<https://www.youtube.com/channel/UCnLXip32zlo8qgCuhBuItBA>

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Useful resources



Technology tools for learning

Publisher: Ministry of Education | Te Tāhuhu o te Mātauranga

[Visit website](#)



Free online assistive technology tools to help with reading, writing and math

Read time: 10 min

Publisher: Understood

[Visit website](#)



The rise and rise of assistive technologies

Publisher: Dyslexia Foundation of New Zealand

[Visit website](#)

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