

# Accessibility Features on Chromebook

Chromebooks include accessibility right out of the box, unlocking learning experiences for students with diverse needs, abilities and learning styles. Built-in settings and easy-to-use apps and extensions help customize the learning experience to include and engage every student.<sup>1</sup>

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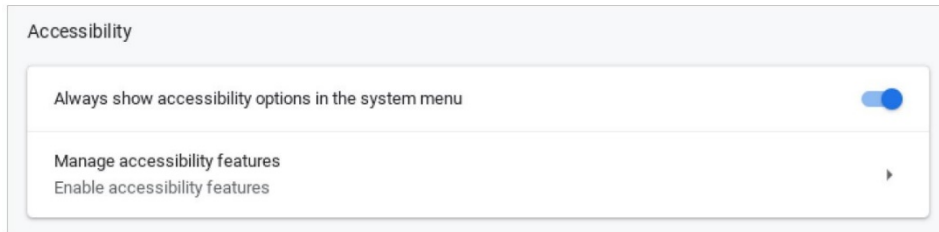
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<sup>1</sup> The guidance in this user guide is taken from Google's [Chromebook accessibility web site](#).

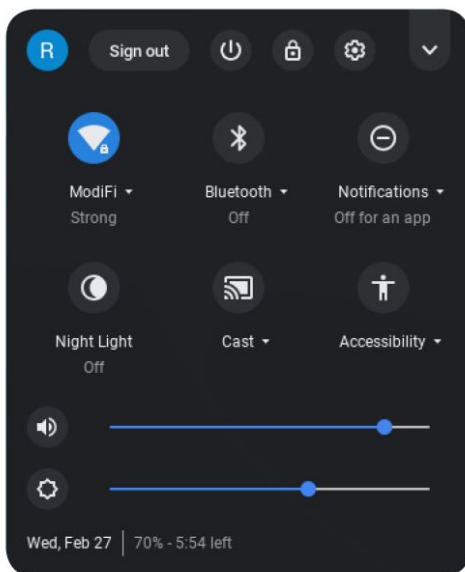
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## Enabling Accessibility features

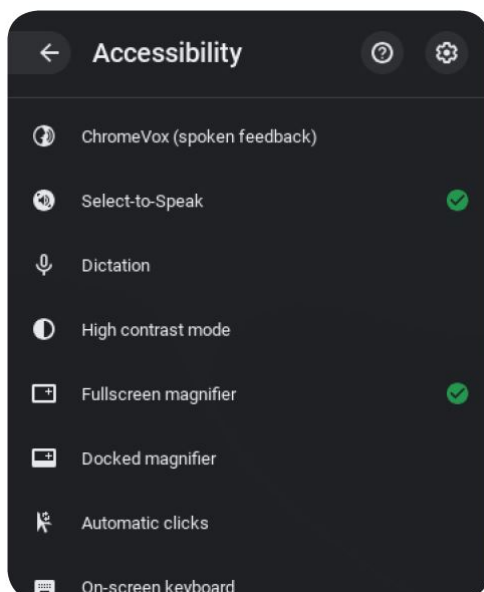
- Open the status tray: alt+shift+s
- In **Settings**, click on **Advanced** and enable **Accessibility** options in system menu



- Click on the system menu at any time



- Enable or disable Accessibility features as needed



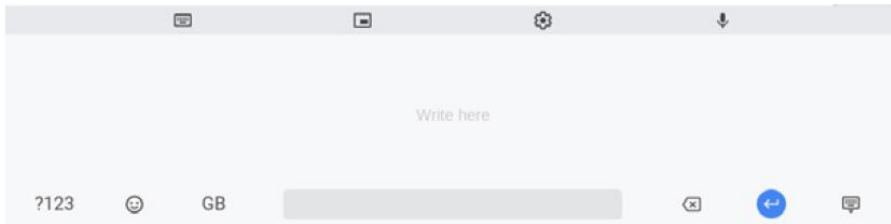
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## Handwriting recognition

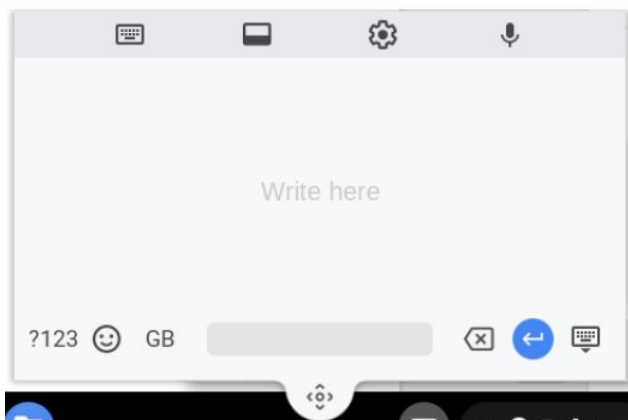
- Enable on-screen keyboard in Accessibility menu – it appears in the status tray



- The keyboard or handwriting toolbar can either be full screen...



- ...or sit in the bottom right hand corner. As you write it suggests possible words – works well with touchscreen and stylus



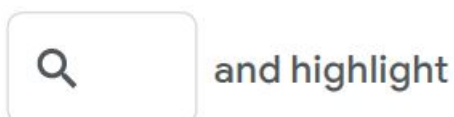
## Text to speech

### Select-to-speak

- Enable in Accessibility menu for synthesized speech on an as-needed basis



- When enabled, either click or tap the Select-to-speak icon in the system menu or hold down the 'search button'. Then, click or drag a box around items on the screen to listen to them spoken aloud.

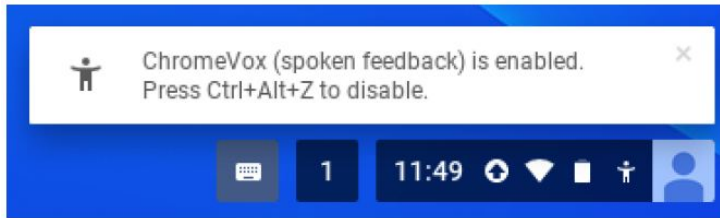


- See word-by-word highlighting as it reads. Change the highlight colour in Select-to-speak settings.

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## ChromeVox Screen Reader

- Reads everything on the screen – also enabled through the status tray and Accessibility
- This can be turned on via keyboard shortcut: ctrl+alt+z

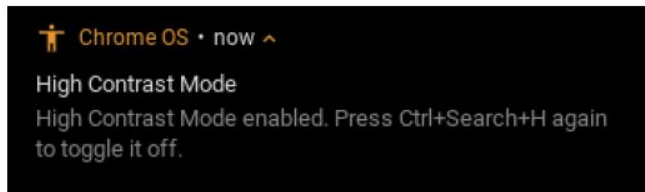


- Watch ChromeVox instructions on YouTube: <https://youtu.be/akyRNVyf-OY>

## Dyslexia Support

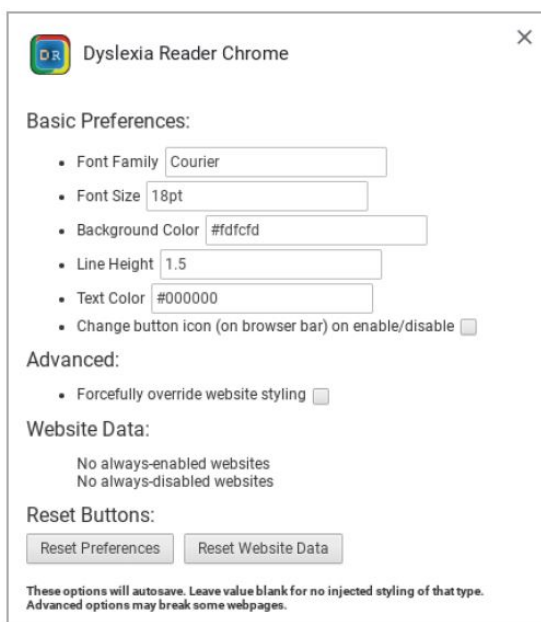
### High contrast mode

- Viewing a page with inverted colour can make it easier for some to read text
- High contrast can be turned on via keyboard shortcut: ctrl+Magnifying glass+h



### Dyslexia Reader Chrome

- Alter default settings for a page
- Easy to enable or disable
- Needs some understanding of Hex Codes in order to make alterations



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## Dyslexia and colour support

Beeline Reader

Adjusts colours and tones of pages to make it easier to read

## Dyslexia

BeeLine Reader

Adjusts colours and tones of pages to make it easier to read

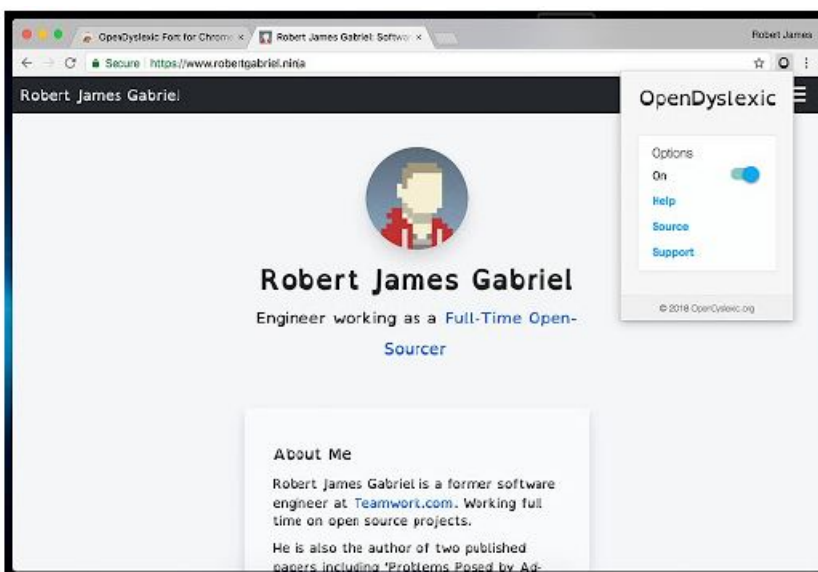
Colour Enhancer

Adjusts tone of pages to help with reading



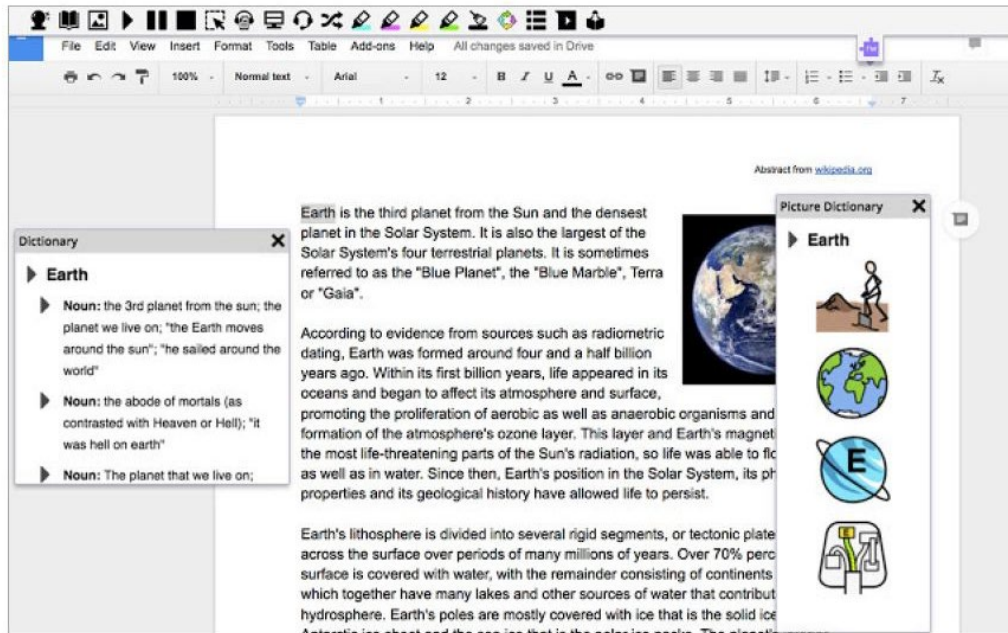
Open-dyslexic

Switches text to easy-to-read dyslexia font, Open Dyslexic



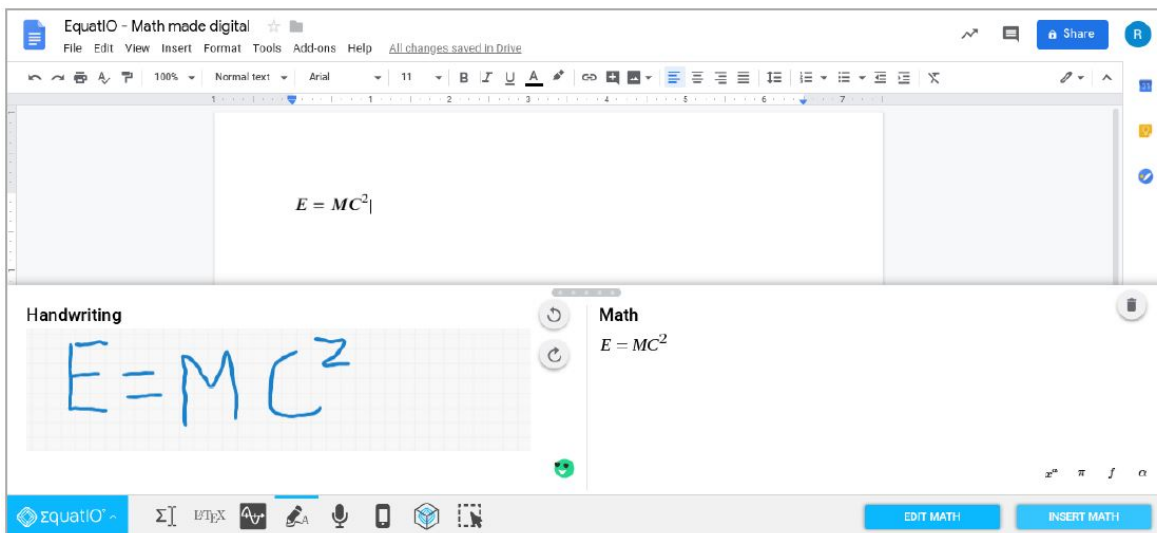
read&write by TextHelp

Adds Accessibility features such as predictive text, dictionary, picture dictionary, text playback, screen masks, highlighting, and even the opportunity to practice reading aloud



equation by TextHelp

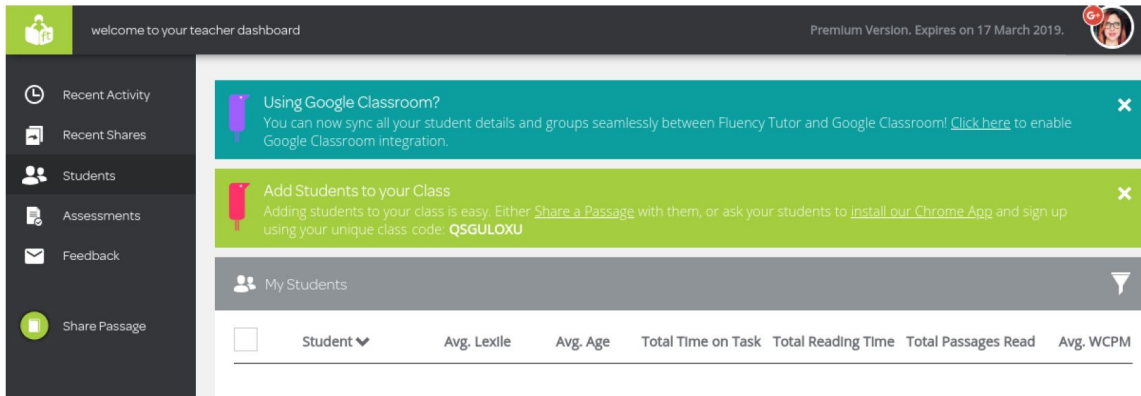
Type, handwrite, or dictate mathematical formulas and insert them into G Suite



Fluencytutor by TextHelp

Designed to improve student reading fluency.

- Students read aloud and record an assigned passage of text and can submit to tutor.
- The tutor can record hesitation, mispronunciation etc. to keep records of students ability.
- Students can employ guides and dictionary tools to help improve comprehension and understanding.
- Proven to improve fluency progress



## Additional Accessibility Settings



Large mouse cursor:  
makes the cursor larger and easier to see



Mono audio:  
play the same audio from both speakers so someone with limited hearing doesn't miss context in stereo sound



Highlight mouse cursor:  
put a coloured ring around the mouse cursor to make it easier to spot



Automatic clicks:  
makes it possible for users with motor challenges to hover over an item and have the Chromebook click, without putting any pressure on the touchpad



Sticky keys:  
causes keys to remain 'held down' by a single tap until another key is pressed; e.g. shift or ctrl

## Increase/Decrease size

To increase browser content: ctrl+plus button

To decrease browser content: ctrl+minus button

To reset: ctrl+shift+plus button

## Dictation

Chromebook dictation

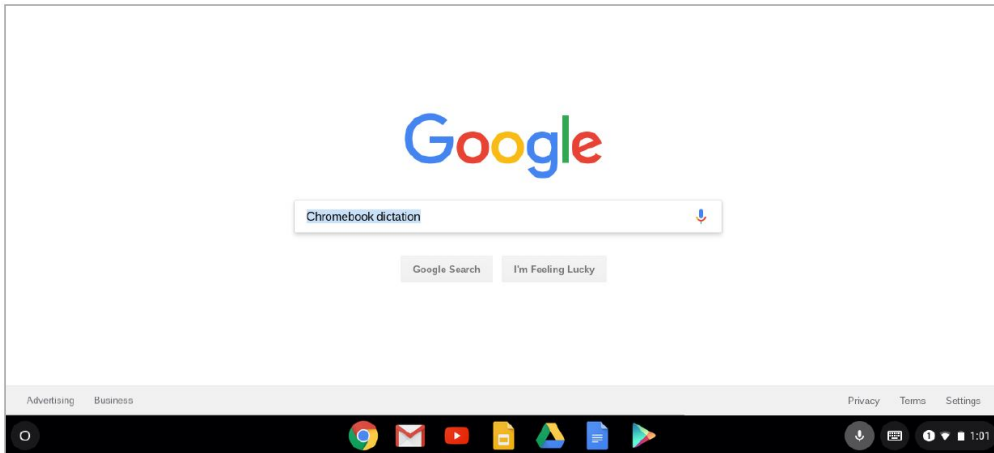
Enable from settings to dictate into your Chromebook

Start dictation: magnifying glass+d

Or simply tab/click the mic icon on the screen

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This works anywhere that you would normally be able to type; e.g. browserbar, Google Slides, YouTube Search



### Claro Cloud

Another option for a dictation function, is **Claro Cloud**. This can be accessed from our [Assistive Technology webpages](#). Simply sign in with your University of Aberdeen username and password. This can be used through any operating system that has access to the internet.

- Or if you have the **Claro Chrome extension** installed in your browser you can sign into your own Claro Cloud account to access the other applications available. Please see our guide **Claro Extension** or contact [atech@abdn.ac.uk](mailto:atech@abdn.ac.uk) for more information.
- This option will take you to **ClaroRead Anywhere** which has a **Dictation** feature

## Accessibility support at the University of Aberdeen

For more information or support using any of the software mentioned in this guide, please contact [atech@abdn.ac.uk](mailto:atech@abdn.ac.uk)