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.¹

If you download this guide, you can use the links below to quickly skip to the topic you need:

Handwriting recognition ................................................................................................................................ 3
Text to speech .................................................................................................................................................. 3
Select-to-speak ............................................................................................................................................. 3
ChromeVox Screen Reader .......................................................................................................................... 4
Dyslexia Support ........................................................................................................................................... 4
High contrast mode ..................................................................................................................................... 4
Dyslexia Reader Chrome ............................................................................................................................. 4
Dyslexia and colour support ....................................................................................................................... 5
Beeline Reader ........................................................................................................................................... 5
Colour Enhancer ......................................................................................................................................... 5
Open-dyslexic ............................................................................................................................................... 5
read&write by TextHelp .............................................................................................................................. 6
equation by TextHelp ................................................................................................................................. 6
Fluencytutor by TextHelp .......................................................................................................................... 6
Additional Accessibility Settings ................................................................................................................ 7
Large mouse cursor: .................................................................................................................................. 7
Mono audio: ................................................................................................................................................. 7
Highlight mouse cursor: ............................................................................................................................ 7
Automatic clicks: ......................................................................................................................................... 7
Sticky keys: .................................................................................................................................................. 7
Increase/Decrease size ................................................................................................................................ 7
Dictation ...................................................................................................................................................... 7
Chromebook dictation ............................................................................................................................... 7
Claro Cloud ................................................................................................................................................ 8
Accessibility support at the University of Aberdeen .................................................................................. 8

Enabling Accessibility features

¹ The guidance in this user guide is taken from Google’s Chromebook accessibility web site.
• Open the status tray: alt+shift+s
• In settings, enable Accessibility options in system menu

![Accessibility settings](image)

• Click on the system menu at any time

![System menu](image)

• Enable or disable Accessibility features as needed

![Accessibility features](image)
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.

  and highlight

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

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
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

![Color Enhancer](image)

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

![Open-dyslexic](image)
read&write by TextHelp
Add Accessibility features such as predictive text, dictionary, picture dictionary, text playback, screen masks, highlighting, and even the opportunity to practice reading aloud

Fluent tutor 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
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 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