

Introduction to Chromebook Accessibility



Welcome!

Everyone is muted
to minimize noise
but you can use the
chat to say hello!

Meeting details



(1)



You 4:10 PM
Hello

Type here.

Then press the
arrow to send
your message.

Meeting details ^



Raise hand

Turn on captions

Present now



How are you?



Learning Objectives

- Locate the built-in Chromebook accessibility features
- Name and explain the purpose of at least 2 Chromebook accessibility features
- Identify a Chromebook accessibility feature that might prove useful to an individual in a specific disability group

Definitions and Explanations

- Chromebook Accessibility
- Assistive Technology
- Keyboard shortcuts and modifier keys
- Screen Reader
- Text to Speech tools
- Disability groups addressed by Chromebook's built-in accessibility features:
 - Blind/Low Vision
 - Deaf/Hard of Hearing
 - Physical/Mobility
 - Cognitive/Learning/Reading

Accessibility Features Covered Today

- High contrast mode
- Magnifier
- Mouse settings
- Adjusting the Chrome browser zoom level
- Audio and captions settings
- Keyboard and text input
- Select-to-speak feature
- ChromeVox screen reader

Location of Accessibility Features

- Settings > Advanced > Accessibility > Manage Accessibility Features
- Options are organized by feature/tool category:
 - Display features
 - Mouse and touchpad
 - Audio and captions
 - Keyboard and text input
 - Text-to-Speech features

High Contrast, Magnifier, & Mouse

- Target disability group: Low vision
- High Contrast (Inverts colors)
 - Enable/Disable in Settings or Search + Control + H
- Magnifier
 - Enable/Disable in Settings or
 - Search + Control + M to magnify full screen
 - Search + Control + D for docked (partial screen) mag
 - Adjust magnification/size
- Mouse
 - Pointer size, color, other enhancements
 - Touchpad considerations

Audio and Captions Settings

- Target disability group: Deaf/Hard of Hearing
- Play the same audio through all speakers (mono audio)
- Captions (customization)

Keyboard and Text Input

- Target disability group: Physical/Mobility
- Sticky keys
- Enable dictation (speak to type)
- Highlight the object with keyboard focus when it changes
- Highlight the text caret when it appears or moves
- Navigate pages with a text cursor-Search + Control + 7

Select to Speak Feature

- Target disability group: Low vision and Cognitive/Learning/Reading
- Enable select-to-speak in Settings first
- Requires vision to locate and select text to be spoken
- May work best when attempting to read shorter passages of text
- Not a full screen reader
- Customizable

ChromeVox Screen Reader

- Target disability group: Blind, Low vision, and Cognitive/Learning/Reading
- Turn on/off using keyboard shortcut: Control + Alt + Z
- Full screen reader
- Customizable

General Review

- Locate the built-in Chromebook accessibility features
- Name and explain the purpose of at least 2 Chromebook accessibility features
- Identify a Chromebook accessibility feature that might prove useful to an individual in a specific disability group

Questions?