

Microsoft/Cobblestone Crate

Windows 11 Accessibility

About the Crate

Similar to the meal plans such as HelloFresh and Chef's Plate, Cobblestone Crate lessons are equally easy to prepare, where most of the 'ingredients' are included, yet will still allow you to 'spice it up' with ingredients from your own pedagogical pantry.

Has your school recently received new, Low Cost Windows Devices for Education? Congratulations! These accessible and high-performing devices are designed to save you time and foster engaging learning experiences. With built-in inclusive, accessible, student-first software and tools, there is so much potential at your fingertips, and this Crate will help to unleash that.

This Cobblestone Crate will allow you and your students to learn together, uncovering a new potential for learning and engagement in your classroom. Whether you've been using Windows devices for years, or are new to this platform, there's something new in this Crate for you and your class to explore.

The 4 Activities included are:

- Vision Accessibility Features
- Hearing and Interaction Accessibility Features
- Accessibility inside Edge Browser
- Multimodal Assignments using PowerPoint

Refer to the following pages for a detailed description of each activity.

Activity 1: Vision Accessibility Features

Subject: Windows 11 Vision Accessibility Features | **Grade Level Recommendation:** 5-9

Video length: 25 mins | **Suggested additional class time required:** 25 mins

Windows 11 Operating System, Windows 10 will also work, but the features may be found in different places

In this activity students will explore a number of the vision accessibility features that are integrated in Windows 11 and helpful for everyone! This lesson will cover tools making Windows easier to see and use, including demonstrations for various settings, the magnifier tool, narrator, voice typing and keyboard shortcuts.

Activity 2: Hearing and Interaction Accessibility Features

Subject: Windows 11 Hearing and Interaction Accessibility Features | **Grade Level Recommendation:** 5-9

Video length: 30 mins | **Suggested additional class time required:** 25 mins

Windows 11 Operating System, Windows 10 will also work, but the features may be found in different places

In this activity students will explore a number of hearing and interaction accessibility features that are integrated into Windows 11 and helpful for everyone! This lesson will cover tools such as audio captioning, text and visual alternatives to sounds, touch gestures, on-screen keyboard options, voice commands for controlling the PC, speech authoring tools, Windows Hello sign-in alternatives, and options for making the keyboard and mouse easier to use.

Activity 3: Accessibility inside Edge Browser

Subject: Windows 11 Vision Accessibility Features | **Grade Level Recommendation:** Grades 5-9

Video length: 26 mins | **Suggested additional class time required:** 30 minutes

Suggested Tools and Materials: Windows 10 or Windows 11 Operating System, Microsoft Edge Browser

Microsoft Edge is a browser designed for learning that includes the most comprehensive set of built-in learning and accessibility tools. In this activity students will learn about the various new accessibility features that are embedded into Windows 11. We will also explore Immersive Reader, Grammar Tools and Math Assistant.

Activity 4: Multimodal Assignments using PowerPoint

Subject: ELA (and other) | **Grade Level Recommendation:** Grades 5-9.

Video length: 20 mins | **Suggested additional class time required:** 30 to 60 mins

Suggested Tools and Materials: Windows 10 or Windows 11 device, Microsoft PowerPoint (Desktop Version)

We know that students like to demonstrate their learning in multiple ways, such as text, images, audio, video and more. In this activity, students will unlock little known features inside PowerPoint to help them express themselves in different ways, creating a collaborative story using icons to create unique characters. Students will discover the full potential of speaker notes as they record their voice using the many features found in Microsoft PowerPoint. This activity can be done individually, but will be more fun and interactive if done in teams or as a class. While the storytelling activity is most applicable to an English Language Arts lesson, the skills learned can be applied to any course that would benefit from a multimodal demonstration of learning.