

Computer Requirement for Middle School Students

All CCS Middle School Students grades 6-8 will be required to have either a Chromebook or other laptop computer (Windows or Apple Mac) available for school use. This will allow us to fully integrate technology resources into the Middle School classroom environment. The laptop must be brought to school fully charged each day.

Purchase and Bring Your Own Device. The laptop or Chromebook device must meet required specifications and be able to run the current version of Google Chrome. The device must also be eligible for auto-updates from Google Chrome until at least 2026. The device will need to be made available to our tech department prior to the start of school, to be properly configured for school use. Information about appointments during summer will be sent in advance. You are encouraged to *consider* the purchase of an accidental damage protection plan when you purchase a new device. Returning CCS Middle School students likely have a laptop or Chromebook they are currently using for school. *If the device you have now meets the specifications and is in good working order, there is no need to purchase a new device.*

Minimum Laptop or Chromebook Requirements

Please Note: A computer that meets the minimum requirements below will be satisfactory for students doing CCS classwork, however its speed, display, keyboard and touchpad may not be optimum for other uses. For example Chromebook computers won't run many programs that run on Windows computers.

Chromebook minimum requirements:

These computers are designed for student use. They are light-weight, operate over 10 hours from a charged battery. They have no hard disk drive and are designed to save data in the cloud. They only run programs that are ChromeOS compatible; they run Zoom. • Chrome OS

- Chrome OS automatic update expiration: 2026 or longer. Each Chromebook model receives automatic updates for a fixed number of years after that brand/model was introduced. Verify that your Chrome

OS is receiving automatic updates. Find your computer and the month/year of its automatic update expiration here:

<https://support.google.com/chrome/a/answer/6220366?hl=en>

- Celeron N4000 or N4020 processor
- 4GB RAM
- 32GB flash drive
- 11.6 inch display
- Wireless network connection
- Webcam, microphone and headphone jack

- Operates for at least 8-hours on battery charge
- New Chromebooks (about \$250 list) come with a 1-year warranty that can be extended for 1, 2 or 3 years for additional cost
- (Separately purchased) Earbuds or other headphones compatible with the headphone jack

Windows laptop minimum requirements:

- Windows 10 or Windows 11
 - Acceptable versions: Home or Pro or Enterprise.
 - Unacceptable versions: S-mode or Education (these limited capability computers can only load Microsoft Store programs and are not supported by Google Chrome or Zoom).
- RAM: 4GB
- 64GB hard drive or solid state drive
- 11.6 inch display
- Wireless network connection
- Microsoft Edge or Google Chrome browser (installed by CCS)
- Webcam, microphone and headphone jack
- Operates for at least 8-hours from charged battery
- (Separately purchased) Earbuds or other headphones compatible with the headphone jack

Windows laptop minimum requirements:

These general-purpose computers run a wide variety of programs and contain hard disk drives for storing programs and data internally. They will run Google Chrome and Zoom (except as noted)..

- Windows 10 OS.
 - Acceptable versions: Home or Pro or Enterprise.
 - Unacceptable versions: S-mode or Education (these limited capability computers can only load Microsoft Store programs and are not supported by Google Chrome or Zoom).
- RAM: 4GB
- 64GB hard drive or solid state drive
- 11.6 inch display
- Wireless network connection
- Microsoft Edge or Google Chrome browser (installed by CCS)
- Webcam, microphone and headphone jack
- Operates for at least 8-hours from charged battery
- (Separately purchased) Earbuds or other headphones compatible with the headphone jack

Apple Mac laptop minimum requirements:

- MacOS. Acceptable versions macOS 10.10 or later
- Wireless network connection
- Safari browser or Google Chrome browser (installed by CCS)

- Webcam, microphone and headphone jack
- Operates for at least 8-hours from charged battery
- (Separately purchased) Earbuds or other headphones compatible with the headphone jack

• **Low-Cost Chromebook Examples (As of 7/1/22):**

- Source: [Acer.com](https://www.acer.com)
 - Condition: new with Acer 1-year NON-transferable warranty
 - [Acer Chromebook 512 - CB512 - C1KJ](https://www.acer.com) 12" display, 4GB RAM, 32GB solid state drive, Celeron N4000 processor, Chrome OS,
 - \$199.99. (listed on Amazon for over \$300)
 - Chrome OS automatic updates until June 2026.
 - 1-year service plan available for \$39.99 or 2-year service plan available for \$79.99. 3-year service plan is available for \$129.00
 - These can be added any time within the first year of ownership. They extend the coverage provided by the warranty after the warranty expires, and also provide accidental damage protection.
 - Rating 4.5 out of 5 by 9 users on Amazon
 - Details at <https://store.acer.com/en-us/acer-chromebook-512-c851-c1j7>
- Please remember that your total cost will include retail price, tax, shipping, as well as the cost of any protection plan purchased.

- Source: Walmart (available as of 7/1/22)

- Condition: new with Samsung 1-year transferable warranty
- SAMSUNG Chromebook 4, 11.6" display, Intel Celeron Processor N4000, 4GB RAM, 32GB eMMC flash drive, Intel UHD Graphics 600, model XE310XBA K01US (Google Classroom Ready) \$137.49
- Chrome OS automatic updates until June 2026
- Additional 2-year service plan available for \$40; provided by Allstate Insurance.
- Rating: 4.2 out of 5 by 545 users
- See [Walmart webpage https://www.walmart.com/ip/SAMSUNG-Chromebook-4-11-6-Intel-Celeron-Processor-N4000-4GB-RAM-32GB-eMMC-Intel-UHD-Graphics-600-XE310XBA-K01US-Google-Classroom-Ready/558190726](https://www.walmart.com/ip/SAMSUNG-Chromebook-4-11-6-Intel-Celeron-Processor-N4000-4GB-RAM-32GB-eMMC-Intel-UHD-Graphics-600-XE310XBA-K01US-Google-Classroom-Ready/558190726)

- Source: Target (available as of 7/1/22)

- Condition: new with HP 1-year NON-transferable warranty
- HP 11.6" Chromebook Laptop with Chrome OS - MediaTek Processor - 4GB RAM Memory - 32GB Flash Storage - Ash Gray (11a-na0035nr) \$259.44
- Chrome OS automatic updates until 2026
- Rating: 4.2 out of 5 by 212 users.

See [Target webpage https://www.target.com/p/hp-11-6-34-chromebook-laptop-with-chrome-os-mediatek-processor-4gb-ram-memory-32gb-flash-storage-ash-gray-11a-na0035nr/-/A79809686#lnk=sametab](https://www.target.com/p/hp-11-6-34-chromebook-laptop-with-chrome-os-mediatek-processor-4gb-ram-memory-32gb-flash-storage-ash-gray-11a-na0035nr/-/A79809686#lnk=sametab)