Minimum Specification Requirements
BYOD 2026

Please make use of the following specifications and recommendations from CSBB Digital Enablement when purchasing a BYOD (Bring Your Own Device) for your child, to ensure it can be used for 3-5 years of class work, as per industry standards. Only device types mentioned in this document will be supported. Further details regarding specifications can be found on Page 2 onwards.

Windows Laptops

	Minimum CSBB can only guarantee a connection to the wireless network for 3 years	Recommended
Screen Size	13" - 14"	
Processor	Intel Core i5 - 10th Gen (Or equivalent AMD)	Intel Core Ultra 5 (Or equivalent AMD)
	Windows devices with ARM-based processors (e.g., Qualcomm Snapdragon) are not recommended as they may be incompatible with school required applications	
Memory	8 GB RAM	16 GB RAM
Storage	256 GB SSD	512 GB SSD
Wireless	WiFi 6 (802.11ax 2x2)	WiFi 6E (802.11ax 2x2, 6 GHz)
Operating System	Windows 11 Microsoft will stop supporting Windows 10 in October 2025. After this date, devices running Windows 10 will no longer receive security updates and will not be able to connect to the school's WiFi network. Only up-to-date versions of Windows (eg. Windows 11) can be supported. Beta versions are not supported.	
Other	Battery - 6 hr battery life TPM 2.0 (Required for Windows 11)	
		Biometric Technology used for facial recognition (Windows Hello)
Warranty	3 year warranty	5 year warranty with accidental damage protection

Apple

	Minimum	Recommended
MacBook	MacOS - Sonoma or Higher Beta versions of MacOS are not supported	MacOS - Latest available version Beta versions of MacOS are not supported
	MacBook Air 13" (M1) 8GB RAM 256GB SSD 3 year warranty	MacBook Air 13" (M4) 16GB RAM 512GB SSD 5 year warranty (If eligible to extend)
iPad	8th Gen 128GB	11th Gen (A16) 256GB Minimum Protective cover
	WiFi Version (Not WiFi & Cellular) AppleCare+ Plan Beta versions of iOS are not supported	

Windows Laptops & MacBooks - Details

Screen Size

13" - 14"

Screens of this size offer an ideal balance between portability and usability. Students can comfortably view content and carry their laptops to and from school without added strain
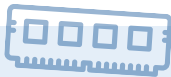
Processor

Minimum:
Intel Core i5 – 10th Gen (Or equivalent AMD)

Having an i5 processor strikes a balance between performance and affordability. The i5 processor offers sufficient power to handle various educational tasks, including web browsing, document editing, and multimedia consumption.

Recommended:
Intel Core Ultra 5 (Or equivalent AMD)

Compared to the 10th gen, newer processors offer significant performance improvements, better energy efficiency, and enhanced multitasking capabilities.

Memory

Minimum:
8 GB RAM

8 GB of RAM ensures smooth and efficient multitasking during the learning process. As students engage with various educational applications, web browsers, and productivity tools simultaneously, sufficient memory prevents the device from slowing down or experiencing performance issues.

Recommended:
16 GB RAM

16 GB of RAM offers significant advantages over 8 GB for students with higher computing demands. With 16 GB, students can handle more resource-intensive tasks simultaneously, such as running complex simulations, using design software, or working on large media projects.

Storage

Minimum:
256 GB SSD

Having at least a 256 GB Solid State Drive (SSD) of storage in a BYO device is often sufficient for most students' educational needs. It allows for storing class materials, assignments, and software applications without any storage constraints.

Recommended:
512 GB SSD

512 GB SSD of storage offers significant advantages for students with extensive digital needs. As educational materials become more media-rich and software applications grow in size, the extra storage capacity becomes increasingly valuable.

Wireless

Minimum:
WiFi 6 (802.11ax)

WiFi 6 offers fast data transfer speeds, reduced latency, and improved network performance, enabling students to access online resources, collaborate in real-time, and stream educational content without interruptions.

Recommended:
WiFi 6E (802.11ax)

Whilst WiFi 6 operates in the 2.4 GHz and 5 GHz bands, WiFi 6E adds support for the 6 GHz band, providing more available channels and less interference for faster and more reliable connections.

Operating System

Windows 11

MacOS

Having an up-to-date Operating System (OS) ensures compatibility with the latest educational software, applications, and security updates. Newer OS versions often provide enhanced features, improved performance, and better user experience, which are essential for students to maximize their learning potential

Battery

Minimum:
6hr battery life

A long battery life ensures that students can use their devices throughout the school day without the need for frequent charging, eliminating disruptions and distractions. It is important for student devices to be fully charged at home overnight.

Warranty

Minimum:
3 year warranty

Having a 3 year warranty is essential as it provides long-term protection and support for students' BYO devices.

Recommended:
5 year warranty with ADP

5 year warranty with accidental damage protection (ADP) offers comprehensive coverage against unforeseen accidents that may occur during a student's daily use. While a standard warranty may cover manufacturer defects, ADP goes a step further, ensuring protection against accidental spills, drops, and other mishaps that commonly occur in educational settings.

iPads - Details

iPads

Minimum:
8th Gen
128 GB
WiFi version

The benefit of WiFi only iPads is there are no additional complexities associated with managing cellular data connections. This simplicity makes it easier for CSBB to implement security measures effectively.

Recommended:
iPad 11th Gen (A16)

The iPad 11th generation (A16) offers several advantages over older models, including a faster processor for smoother performance, a larger and more vibrant display for better visibility. Improved camera and advanced features enhance interactive learning and productivity, making it a more effective tool for current and future needs

AppleCare+ plan

Having an AppleCare+ plan for an iPad is highly recommended because it provides an extra layer of protection and peace of mind for both students and parents. With AppleCare+, students can have their iPad covered for up to two incidents of accidental damage, subject to a service fee.

Protective Cover / External Keyboard

Protective covers are essential for safeguarding devices against drops, spills, and scratches, extending their lifespan, especially important for students who transport their iPads frequently. With the evolving features of the iPad and iPad Pro, typing on a touch screen can be challenging. Keyboards designed for iPads enhance the typing experience, with many available as folio cases for added protection, or as stand-alone Bluetooth keyboards for added flexibility.

Other Considerations

Headset

Headsets provide clear audio quality, which is essential for multimedia resources and online learning. Headsets which include headphones and microphone, enhance the educational experience, providing a focused and immersive learning environment for students using their personal devices in the classroom or at home.