BYOD Specification Requirements

Please make use of the following specifications and recommendations from CSBB Digital Enablement when purchasing a BYO device for your child, to ensure it can be used for 3 years of class work, as per industry standards.

Laptops / Tablets

	Minimum	Recommended
Screen Size	13" - 14"	13" - 14"
Processor	Intel Core i5 - 10th Gen (Or equivalent AMD)	Intel Core i5 - 13th Gen (Or equivalent AMD)
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 10 (excluding Windows 10s) Support for Windows 10 ends in October 2025 – Laptops must be updated to Windows 11 at this time	Windows 11 Beta versions are not supported
Other	• Battery - 6 hr advertised battery life • TPM 2.0 (Required for Windows 11)	• Battery - 6 hr advertised battery life • Biometric Technology (used for Windows Hello) • TPM 2.0 (Required for Windows 11)
Warranty	3-year warranty	5-year warranty with accidental damage protection

Apple

	Minimum	Recommended
MacBook Air* **MacBook Pro***	MacOS - Ventura or Higher Beta versions of MacOS are not supported *Specs - Equivalent to Minimum laptop requirements	MacOS – Latest available version Beta versions of MacOS are not supported *Specs - Equivalent to Recommended laptop requirements

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
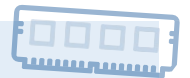
Processor

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 i5 – 13th Gen
(Or equivalent AMD)

Compared to the 10th gen, the 13th gen i5 processor offers 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 BYOD 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:
Wi-Fi 6 (802.11ax)

Wi-Fi 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:
Wi-Fi 6E (802.11ax)

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

Operating System

Windows 10 or
Windows 11

MacOS

Having a recent Operating System 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 advertised
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.

Warranty

Minimum: **3-year warranty**	Having a 3-year warranty is essential as it provides long-term protection and support for students' BYOD 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.

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.