CHRIST OUR LIGHT

MACKILLOP
Catholic College
WARNERVALE

BYOD
GUIDELINES

PURPOSE

At MacKillop Catholic College we are committed to the application of technologies to enhance learning. The MacKillop Education Model supports future readiness and in doing so the College commits itself to delivering learning that is supported by diverse methodologies including the integrated use of technology in the learning curriculum.

To support families and students, the College is introducing a Bring Your Own Device (BYOD) Program from 2025 onwards. It is expected that the College will transition from its current iPad usage to a laptop commencing in Year 5 to Year 12.

The BYOD Guidelines provide families with information on:
- Transition period,
- Student Responsibility for Device and device-care,
- Minimum Device Specifications; and
- Purchasing a device.

It is expected that parents/caregivers of students at MacKillop ensure their child is prepared for class each day with a charged device that meets the minimum specifications identified in this document. It is an expectation that this device is a learning tool and therefore should not be used for any activities that do not support the College's student code of conduct.

TRANSITION PERIOD

The following table Identifies the transition phases from iPad to hybrid (the use of both iPads and laptops) to laptops only from 2025 to 2027

	2024 (Currently)	2025	2026	2027
Year 5	iPad	Laptop *compulsory all Year 5 students	Laptop	Laptop
Year 6	iPad	Hybrid	Laptop *compulsory purchase in 2025	Laptop
Year 7	iPad	Hybrid (all new students compulsory laptop)	Hybrid	Laptop
Year 8	iPad	Hybrid	Hybrid	Laptop
Year 9	iPad	Hybrid	Hybrid	Laptop
Year 10	iPad	Hybrid	Hybrid	Laptop
Year 11	Laptop	Laptop	Laptop	Laptop
Year 12	Laptop	Laptop	Laptop	Laptop

RESPONSIBILITY FOR DEVICE & DEVICE CARE

Each device is a privately owned product and, therefore, it is the student's responsibility to keep their device safe and secure. It is the responsibility of the family to purchase additional warranty, insurance, and accidental damage cover to protect their device.

Insurance

It is important that parents specifically request information regarding insurance at the time of purchase and follow the instructions given by the provider regarding cooling off periods and other matters related to insurance and accidental damage cover.

MacKillop highly recommends the purchase of accidental damage protection/Apple Care to ensure insurance against accidental damage. MacKillop does not take responsibility for any damage, loss or theft of student devices.
It is highly recommended that students transport their device in a suitable protective case to and from class and purchase a backpack that has a built-in laptop sleeve.

Repair of Devices

MacKillop does not take responsibility for the repair of student devices. If students are awaiting the repair of their device, they are expected to continue their learning by using pen and paper and consulting with their respective teachers.

MINIMUM DEVICE SPECIFICATIONS YEARS 5-8

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 3-5 years of class work, as per industry standards. Only device types mentioned in this document will be supported. **Students in Years 5 - 8 are encouraged to purchase a Windows device.**

Years 5-8

Laptops

	Minimum CSBB can only guarantee a connection to the wireless network for 3 years	**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

Laptops - 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
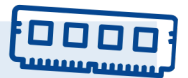
Processor

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:
WiFi 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:
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 10 or
Windows 11

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' 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.

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.

Digital Pen (For Touch or 2in1 Laptop)

Using a digital pen enhances the student's ability to interact with digital content in a more natural and precise manner. A digital pen allows students to take handwritten notes, draw diagrams, and annotate documents just like they would on paper, promoting a more immersive and tactile learning experience

MINIMUM DEVICE SPECIFICATIONS YEARS 9-12

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 3-5 years of class work, as per industry standards. Only device types mentioned in this document will be supported. **Students in Years 9-12 may purchase either a Windows or Mac device.**

Years 9-12

Laptops

	Minimum CSBB can only guarantee a connection to the wireless network for 3 years	**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 - 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

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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:
WiFi 6 (802.11ax)

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Recommended:
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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' 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.

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.

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PURCHASING A DEVICE

MacKillop CC does not sell devices directly to families. However, the College has provided below some options for purchasing devices to assist you. The purchase of devices from specific suppliers is not compulsory therefore, families may shop around for offers or sales however, it is compulsory that the device meets the minimum requirements specified in this document.

Please note that tablets or iPads are not acceptable from 2027 onwards. It is expected that any new students must purchase a laptop as they commence their education at the College.

JBHiFi Education BYOD portal	Dell
WEBSITE: byod.jbhifi.education **SCHOOL CODE: MacKillopCC25**	**WEBSITE**: dell.com/en-au
Catholic Schools Broken Bay Purchasing Portal - compnow	
WEBSITE: https://shop.compnow.com.au/school/csbb	