



**Bishop Challoner
Sixth Form College**

BYOD

BRING YOUR OWN DEVICE

**SPECIFICATION
GUIDE**

RECOMMENDED MINIMUM HARDWARE (FOR WORD PROCESSING AND INTERNET BROWSING)

Screen Size	This is a personal preference, but it is recommended the minimum screen size is 10" so that students can make effective use of the tools available on a suitably sized screen.
Processor (CPU)	Minimum 2 Cores, Recommended 4-6 Cores
RAM	Minimum 4GB, Recommended 8-16GB
Local Storage	Minimum 128GB (1TB of cloud storage is provided via the school Microsoft accounts).
Battery Life	Battery life should last the school day having charged overnight. The school cannot offer chargers.
Wireless	Dual Band 802.11a/b/g/n/ac – ax 5GHz
Antivirus	The device MUST be maintained with up-to-date antivirus software

Here are some examples of these devices. This is not exhaustive and many devices from different suppliers will match this specification. Where possible, check the specifications online or in stores before purchasing to ensure that they match or exceed these suggestions.

[Asus Vivobook 14 from Amazon](#)

[Lenovo IdeaPad 3i from Currys](#)

[HP 12-fc0516sa from Currys](#)

[Acer Aspire 3 from Amazon](#)

HIGH END RECOMMENDED HARDWARE (FOR MEDIA/GRAPHICS)

Screen Size	This is a personal preference, but it is recommended the minimum screen size is 14" for media/graphics processing.
Processor (CPU)	Recommended 4-6 Cores minimum
RAM	Minimum 8GB, Recommended 16GB+
Local Storage	Minimum 500GB (1TB of cloud storage is provided via the school Microsoft accounts).
Battery Life	Battery life should last the school day having charged overnight. The school cannot offer chargers.
Wireless	Dual Band 802.11a/b/g/n/ac – ax 5GHz
Antivirus	The device MUST be maintained with up-to-date antivirus software

Here are some examples of these devices. This is not exhaustive and many devices from different suppliers will match this specification. Where possible, check the specifications online or in stores before purchasing to ensure that they match or exceed these suggestions.

[Acer Aspire 3 from Amazon](#)

[Acer Aspire 3 from Amazon – Higher Spec](#)

[HP Pavilion 15 with wireless keyboard and mouse set from Currys](#)

[Lenovo IdeaPad 5i Pro with GeForce RTX 3050 graphics card from Currys](#)

OPERATING SYSTEM

The following Operating Systems (OS) will work with the BYOD scheme, however it is highly recommended that students are working on a Windows OS since the school systems use Microsoft software and services.

- Windows 10 or 11 with most recent releases and updates (Home, Pro, Education and Enterprise versions). The school cannot license users for Windows OS, so users must ensure that their devices have the appropriate license.
- Apple OSX (MacBook OS) with most recent releases and updates. This will include MacBook Air's from 2020 and MacBook Pro's from 2018 onwards.

ANTIVIRUS SOFTWARE

Windows devices that use Windows 10 or 11 Operating Systems arrive with Microsoft Defender Antivirus. At a minimum, this should be used as antivirus software and kept up-to-date.

Recommended Antivirus Software: Avast, Panda, Microsoft Defender

Unrecommended Antivirus Software: Any software that is shipped with a device, as these are usually just free trials. These include Kaspersky, Norton, McAfee. It is recommended to uninstall these!

Apple devices are generally considered secure due to the way the Operating System is written and how devices operate. However, antivirus software is still available for added protection. Avast or Bitdefender for Mac would be recommended.

SMART PHONES AND OTHER UNSUPPORTED DEVICES

Apple iOS, Android and Windows phone devices are not supported by the BYOD scheme and should not be connected to the wireless networks provided at the school. Please refer to the school's phone policy for the use of smart phones and mobile phones.

SOFTWARE

The school's email system is Microsoft 365 and as such, users have license to install Microsoft 365 Apps for Business on up to 5 devices for free through their school email account.

Any software that students use on their devices should be paid for and licensed where required. The school does not recommend software piracy. Students at the school are allowed to use Canva and Adobe Express online for free with their school email accounts. However, students are responsible for licensing any other software that is downloaded and installed on their personal devices.

SUGGESTED ACCESSORIES

- Headphones, to minimise disruption to others during lessons and in shared study spaces.
- It is strongly recommended that a sturdy protective case or sleeve is used to transport personal devices.
- The school is not responsible for any damages to personal devices, so some form of insurance cover would also be recommended.



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