BYOD Laptop Device Specifications

The school's BYOD program supports printing, filtered internet access, file access and storage through the department's network while at school. However, the school's BYOD program does not include school technical support or charging of devices at school.

Before acquiring a device to use at school, please read the following technical specifications. These specifications relate to the suitability of the device to enabling completion of class activities, meeting student needs and promoting safe and secure access to the department's network.

Specifications	Device Specifications *	Have specs been met?
Platform	Laptop: Windows or Mac based (with keyboard) *Not supported: Chromebooks, Android*	
Operating System	Latest version preferred (Windows 10 Home/Pro, Windows 11) *Not supported:* *Chrome OS, Linux, Unix, BSD, Windows RT/7/8/8.1/10 'S'* (Free upgrade from Windows 10 'S' Mode to Full Windows 10)	
CPU	Minimum: Intel Core i5 or AMD/Pentium equivalent Recommended: Intel Core i7 or equivalent Apple laptops: M1 Chip	
RAM	Minimum: 8GB RAM Recommended: 8 to 16GB RAM (Dependant on subject choices)	
Storage	Minimum: 128GB SSD Recommended: 256GB SSD	
Network	Minimum: 5.0 GHz capable (5GHz 802.11n) Recommended: 5.0 GHz capable (5GHz 802.11ac – Wifi5)	
Screen Size	Minimum: 11 to 13 inch Recommended: 13 to 15 inch	
Battery Life	Minimum: 6 hours Recommended: 10 hours	
Ports (recommended)	USB-C with charging USB A 3.0 HDMI Audio out	
Accessories (strongly advised)	Protective Case Wired headphones/earphones Laptop Accidental Damage insurance	

These specifications are for general, non-technical subjects. For senior technical subjects please see recommendations overleaf.

Minimum vs Recommended

We provide two (2) levels of requirements to help guide parents to choose the right device:

- **Minimum** – this is the minimum specifications to connect to our network and run basic software. It will provide a 'satisfactory' experience and devices may need to be replaced after around 3 years.

- **Recommended** – these devices will perform well on our network and run almost all software. Where possible, we advise trying to aim for these specifications. With care, these devices will be fit-for-purpose for 3-4 years.

Curriculum Software Requirements

Minimum Software Requirements	
Virus Protection	Up-to-date, full version of a trusted antivirus software *Not supported: trial versions of any anti-virus, AVG, Avast, Kapersky, Bitdefender and Windows Firewall.*
Office Suite	e.g. Office 365 ([free to all students](#))
PDF Viewer	e.g. Adobe Acrobat Reader
Internet browser	e.g. Microsoft Edge, Google Chrome, Mozilla Firefox

Subject Technical Recommendations

Certain subjects have specific software that will need to be installed and used. Majority of the software is free to install. Teachers will provide instructions or directions to information via their classes.

The following are the recommendations for subject specific requirements for BYOD.

Senior Subjects	Recommendation	More Information
Music	8 GB RAM (16GB recommended)	[Musescore system requirements](#)
Visual Art	256GB SSD storage 8BG RAM memory (16GB recommended) 2GB graphics card 1280 x 800 display	[Adobe CC (Photoshop) system requirements](#)
Media	Intel 7th gen or newer processor 256GB storage (SSD) 8GB RAM memory (16GB recommended) 2GB graphics card Full HD /1920 x 1080 display USB-C with charging SD Card reader	[Adobe CC (Premiere Pro) system requirements](#)
DTM, Furnishing, ISK, Construction, Engineering	16GB recommended 1280 x 1024 with true colour display minimum 1 GB graphics card minimum USB-C with charging	[Autodesk Inventor 2023 system requirements](#)