Crookwell High School

Bring Your Own Device (BYOD) Program

Device Specifications and Minimum System Requirements

WHAT IS BYOD?

BYOD (Bring Your Own Device) is the program that allows students to bring a personally owned device to school for the purpose of learning. This personal computing device needs to meet certain minimum specifications that are recommended by the Department of Education (DoE) and the school.

There is some flexibility around which device students can use at school, however Apple and Android devices are not recommended as there will be problems of accessibility to networks and incompatibility of software. We recommend a laptop or a tablet that has an attached physical QWERTY keyboard.
It is essential that the device brought to school has the following specifications.

Device Type	Windows Laptop	Windows Tablet
Operating System	Windows 10	Windows 10
Wireless (See note below)	**2.4 or 5GHz 802.11n**	**2.4 or 5GHz 802.11n**
Minimum Screen Size	10"	10"
Storage Capacity	Minimum 128 GB hard drive	Minimum 32 GB
RAM	Minimum 8GB	
Minimum Battery Life	At least 6 hours	
USB Ports	At least one USB port is recommended	
Suggested Accessories	Protective case / cover – a carry case is essential in protecting the device and can also provide ergonomic advantages Headphones / earbuds Stylus recommended for drawing software if required	
Warranty & Insurance	Consider purchasing extra warranty to reduce future repair costs as the device will be used extensively. Devices can become lost or broken easily and insurance is recommended to cover these eventualities	

THE NSW DEC WIRELESS NETWORK

The department's Wi-Fi network installed in High Schools operates on the **802.11a/b/g/n 2.4 or 5Ghz standard**. Devices that do not support this standard will not be able to connect.

Ask this question **before** you buy a device for BYOD -"*The NSW Department of Education has a 2.4and 5GHz (n) wireless network that uses a full range of channels. Will this device connect on all channels in these ranges?"*
Do not purchase a device for BYOD unless the answer is "yes".

FUNCTIONAL SPECIFICATION
Additionally, the device must meet all of the following functional requirements pertaining to software:

Operating System	As per the Hardware Specifications listed above.
Education Software	**Web browser** Internet Explorer 11 or newer, Google Chrome, Mozilla Firefox. **Word Processor, Spreadsheet & Presentation Package:** For example Microsoft Office or Google Suite - Microsoft Office 365 and Google Apps are free downloads for students via the Student Portal. **PDF Reader** Adobe Acrobat Reader or compatible - Access for students to the Adobe Creative Cloud download is available for free through a link in the student portal. *This is recommended for students studying Art, Graphics and Multimedia. For this to program to operate at any speed, it is important that the student's device is the minimum 4GB ram or higher*
Backup	USB or cloud based backup solution (Example: Office 365 or Google Drive) *Students must ensure that their files are regularly backed up. Note that not all "cloud" based solutions will work through the DEC network.* **A USB is recommended for all students.**
Security Software	All devices must have a security program installed and kept up to date. Examples include Microsoft Security Essentials, AVG and Norton.

STUDENT RESPONSIBILITY

- Before students bring their own personal device to school they will be required to sign the student BYOD agreement with their parent's authorisation.

- Students will be required to use devices according to school and NSW DoE policies.

- Students will need to ensure that their device is kept secure at all times.

- Students will need to keep their devices safe using carry case, screen guards etc.

- Long term care, maintenance and support of any devices purchased is the sole responsibility of students (and their parents).

FURTHER INFORMATION

Those wishing to look at the Department's policy can do so at:

https://education.nsw.gov.au/policy-library/policies/pd-2020-0471