



TCRTHS Bring Your Own Device (BYOD) Program Device Specifications/Minimum System Requirements

Device Specifications that are recommended by the school and listed below.

The device specifications:

- identify the **minimum** system requirements/hardware specifications for student devices and
- offer guidance on some suggested makes and models so that parents are fully informed about requirements.

While all devices identified meet the minimum system requirements/hardware specifications, the school strongly recommends that students **choose a laptop device** to ensure that their BYOD maximises their learning experiences such as the **Lenovo ThinkPad X131e**. A tablet device must have a physical keyboard available with separate keys for A – Z and 0 – 9. A separate Bluetooth device is sufficient to meet this requirement. Touchscreen Laptops are encouraged.

Device Type	Windows Laptop	Mac Laptop	Windows Tablet	iPad Tablet
Operating System	Windows 7 Windows 8	OS X 10.7 or higher	Windows 7, Windows 8, Windows RT	iOS 6.0 or higher
Wireless	5GHz 802.11n	5GHz 802.11n	5GHz 802.11n	5GHz 802.11n
Min Screen Size	9.7"	9.7"	9.7"	9.7"
Storage Capacity	64 GB hard drive	64 GB hard drive	16 GB	16GB
RAM	2 GB	2 GB	1 GB	1 GB
Maximum Device Age	2 years	2 years	2 years	2 years
Minimum Battery Life	5 hours	5 hours	5 hours	5 hours
Required Accessories	Protective case/cover Headphones	Protective case/cover Headphones	Protective case/cover Headphones	Protective case/cover Headphones
Other Requirements	Up-to-date Antivirus (for example Microsoft Security Essentials)		Up-to-date Antivirus (for example Microsoft Security Essentials)	
Device Example	Lenovo ThinkPad X131e http://shopap.lenovo.com/au/en/laptops/thinkpad/x-series/x131e/	11-inch MacBook Air http://www.apple.com/macbook-air/	Microsoft Surface RT http://www.microsoft.com/surface	iPad WiFi 16GB http://www.apple.com/ipad/overview/

Please Note: The DEC wireless network installed in high schools only operates on the 802.11n **5GHz** standard. Devices with 802.11a/b/g or 802.11n 2.4GHz only will **not** be able to connect.

Ask this question **before** you buy a device for BYOD - "The NSW Department of Education has a 5GHz (n) wireless network that uses a full range of channels. Will this device connect on all channels in the 5GHz range?"

Do not purchase a device for BYOD unless the answer is "yes".