



## BROKEN HILL HIGH SCHOOL

### 'Bring Your Own Device' Program Device Specification

#### Hardware Specification

The device should meet the following requirements:

Form Factor	Laptop or iPad It is strongly recommended that an iPad option have a physical keyboard attachment with separate keys for A – Z and 0 – 9 (QWERTY) and preferably which physically move when depressed.
Physical Dimensions	Minimum Screen Size: 7.9" Recommended Maximum Screen Size: 13"
Operating System	<ul style="list-style-type: none"> <li>• Microsoft Windows 10 or newer</li> <li>• Apple macOS 11.15 or newer</li> <li>• Apple iOS 13 or newer</li> </ul> <p><b><i>NO ANDROID DEVICES WILL BE SUPPORTED</i></b> (Due to the nature of the Android OS we cannot guarantee compatibility with the DoE network).</p>
Wireless Compatibility	Device must be capable of connecting to an 802.11n wireless network. This may be advertised as "Dual Band Wireless", "802.11abgn", "802.11agn", "802.11ac" or "Gigabit Wireless".
Battery Life	Advertised battery life of at least six hours.
Camera and Microphone	These are necessary to ensure students can participate in 21 <sup>st</sup> century learning.

Please take special note of the Wireless Compatibility requirements. This is the most difficult requirement to verify yourself for Windows laptops. If you are unsure, consider purchasing a recommended device.

The following are not requirements of the Bring Your Own Device program, but are considerations which you should direct your attention to:

Recommendations	<ul style="list-style-type: none"> <li>• Maximum weight: 2kg</li> <li>• Minimum RAM (laptops): 8GB</li> <li>• Disk configuration (laptops): Solid State disk (SSD)</li> </ul>
Considerations	<b><i>Accidental loss and breakage insurance is the responsibility of the owner. Most home insurance policies allow portable devices to be nominated under their home insurance policy.</i></b>

## Software Specifications

Additionally, the device should meet the following functional requirements pertaining to software:

Operating System	As per the Hardware Specification, above.
Web browser	Any modern web browser. Windows computers must run Microsoft Edge or Google Chrome.
Word Processor	Any word processor. Examples include Microsoft Word, Apple Pages , Google Docs.
Spreadsheet Package	Any spreadsheet tool. Examples include Microsoft Excel, Apple Numbers , Google Sheets.
Presentation	Powerpoint and Prezi , Google Slides.
PDF Reader	Eg Preview (mac OS), Adobe Acrobat.
Security / Anti-Virus Software	Windows laptops should run: The security built into Windows will suffice. Additional software is not necessary. macOS laptops should run: ClamXav 2 Sentry or Nortons It is also recommended that any theft prevention or tracking software, such as “find my iPad”, is applied on your device.

### Additional Considerations:

Casing:	Needs to be tough and sturdy, can it be dropped without breaking?
Weight:	Is the laptop light enough for your child to carry each day?
Durability:	Consider the overall durability of the device, are the keys and inputs sturdy?
Carry Case:	A Carry case or skin is essential in protecting your device and can provide ergonomic advantages.
Insurance:	Devices can become lost or be broken easily at school, make sure your policy covers these eventualities.
Warranty:	Make sure you consider purchasing extra warranty to reduce future repair costs as these devices will be used extensively.