

JAMISON HIGH SCHOOL

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BYO Device Specifications What to buy your child

Hardware Specifications:

<p>Wireless Compatibility</p> <p>**This is the most important specification as there will be no internet access if your device does not comply**</p>	<p>Device must have Dual Band 5GHz 802.11n support</p> <p>NB Devices with 802.11a/b/g or 802.11n 2.4 GHz only will NOT be able to connect. This includes many current Android Tablets.</p>
<p>Form Factor</p>	<p>Laptop, tablet device (with keyboard) or convertible device</p> <p>A mobile phone is <u>not</u> an acceptable device</p>
<p>Storage Space</p>	<p>Minimum 64Gb storage on a Windows device</p> <p>Note: Students are encouraged to use cloud storage as they now have access to Google Drive or One Drive (see below)</p>
<p>Operating System</p>	<ul style="list-style-type: none"> • iOS 7.0 or later • Microsoft Windows 7, Windows 8.1 or 10 • Mac OSX (minimum Lion preferred) <p>Note: Windows 10 is available as a free update to Windows 8.1</p>
<p>Antivirus software</p>	<p>Any reliable up to date Antivirus software. Microsoft Security essentials is available as a free download (Windows only).</p>
<p>Battery Life</p>	<p>Advertised battery life of at least six hours</p> <p>Note</p> <ul style="list-style-type: none"> • There are no facilities to charge laptops in classrooms. • Students can manage this by ensuring the power save option is enabled on the computer and that the computer is fully charged before school.
<p>Display</p>	<p>Integrated display no smaller than 25cm (9.8inch) diagonally.</p>
<p>Keyboard</p> <p>Pointer</p>	<p>Tablet and iPad users must have a separate Bluetooth keyboard.</p> <p>Touch screen or track-pad</p>

Additional Considerations:

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

Consideration/Recommendation	Reason/Explanation
Maximum weight: 2kg	Students will be carrying the device to and from school.
Minimum RAM (laptops): 4GB	This ensures that the computer will run applications. Some applications require more RAM to run.
Disk configuration (laptops): Solid State disk (SSD)	This type of Disk is faster at processing and may provide increased extended battery life.
Protective cover/case	Students usually carry a laptop in their school bag. If the bag is dropped or handled harshly it is important that the computer is buffered from damage. A hard cover or a case containing memory foam for added protection is essential.
Accidental loss and breakage insurance Length and type of warranty	Insurance: If purchasing through the Jamison High School Portal- https://www.orderportal.com.au/OrderForm?OrderFormID=202&SectorID=1 there is an option to purchase warranty. Warranty: Devices can be purchased with different warranties. The things to consider here are. The length and type of warranty. Length of Warranty: Students should expect to use their BYOD device for at least 3-4 years. Types of Warranty: There are two options for types of warranty: Back-to-base is the cheapest but would mostly require the device to be packaged and posted back to the supplier for repair. Onsite warranty is more expensive and would usually mean that a repairer would come to your home and fix the device. You will need to weigh up the cost of replacing the device against the cost of insurance or extending the warranty. This is a decision parents will need to make.

Software Specifications:

Students will need to perform the following tasks on the device and therefore have relevant software for each task. Before purchasing expensive software, please read the following two points.

Traditionally, application software is downloaded and installed on the local machine but there is an increasing move towards applications being delivered through the internet in what has been termed *the cloud*. **Google Apps** have been available for a while and allow the user to log into Google and create documents, presentations, spreadsheets, drawings and forms or simple databases. It also allows users' access to unlimited online storage (for DEC staff and students only) space and the ability to share documents that can be worked on collaboratively.

Microsoft has also developed a similar solution called **Microsoft Office 365** which offers similar options. Staff at Jamison High School is increasingly using these online environments and students will be exposed to them as well. This will encourage the ability to work collaboratively on group projects in class as well as from home.

Google Apps and Office 365 are linked to students' DEC portal.

Cloud based software

- **Google Apps** provides the ability to create, store, share and work collaboratively on documents, presentations, spreadsheets, drawings and simple databases, (forms) for free. This works 'in the cloud' and work can be shared across a variety of devices and operating systems. **Google Chrome** is the preferred browser for Google Apps.
- **Microsoft Office 365** is also available to DEC students at no cost and offers a similar service to Google Apps. It also offers the option of downloading a student version of Office 365 for free but only if you have

- Office 2013 installed on your device.
- Microsoft Office 2013, Adobe, Windows 7, 8.1 and 10 and other educational software is also available for free download and install for students from this site:

<http://nsw-students.onthehub.com/WebStore/Welcome.aspx?JSEnabled=1>

Other software not in the cloud that is available free but not essential

- Adobe Enterprise Agreement:** Adobe software includes software for developing online application, graphics, music, web design etc. Adobe has offered a free student version of their software that can be downloaded onto a BYO device. Adobe software is currently processing and memory hungry to run in the cloud, however, Adobe is working on a solution. Due to the size of the Adobe products and the processing power they need to run, Adobe software may not function effectively on a low end BYO device. If students need access to this level of software they will need to utilise the specialist technology spaces within the school.

Rather than look at software in terms of brands, the **BYOD** approach we are taking means that students will utilise a number of different devices within the classroom with different brands of software. For example a student may use Google Apps, Microsoft Office or Open Office Text Document to create a word processed document. The software is merely a tool to allow the student to create and communicate. The software specification is, therefore, about what students will need to do.

Access the internet to research create, communicate and collaborate	Any modern web browser. On Windows based computers you can run Internet Explorer, Google Chrome or Firefox. These are free to download. A Macbook comes with Safari pre-installed.
Create documents	Any word processor. Examples include Microsoft Word and Google Docs.
Create presentations	Any presentation tool. Examples include Microsoft PowerPoint, Google Slides.
Create spread sheets	Any spreadsheet tool. Examples include Microsoft Excel and Google Sheets.
Take notes	Students can use their device to take notes either through a word processor, or Apps like Notability or Evernote.

Help site: <http://jamisonhsbyod.weebly.com/>

Recommended Products: The following link will direct you to our preferred device/laptop suppliers- www.hpshopping.com.au/jamison-byod

The following local suppliers have devices that match the specifications required: Harvey Norman, Officeworks