

## 'Bring Your Own Device' – 2017 Program Device Specification

### Hardware Specification

The device must meet all of the following requirements:

<b>Form Factor</b>	Laptop, hybrid (touch screen notebook) or tablet device Note: Tablets or hybrids must have a physical keyboard attachment with separate keys for A-Z and 0 – 9, which physically move when depressed.
<b>Physical Dimensions</b>	Minimum Screen Size: 9" Maximum Screen Size: 14" Note: students may request to bring in a larger device if a larger screen is needed for specific subjects, otherwise it is <i>highly</i> recommended to have a device within these specs.
<b>Operating System</b>	<ul style="list-style-type: none"> <li>Microsoft Windows 7 (or newer) or Windows RT 8 (or newer)</li> <li>Apple MacOS X 10.7 (or newer) or iOS 7 (or newer)</li> </ul> Note: Android-based tablets are omitted from the Hardware Specification due to incompatibilities with some applications on the DEC wireless protocols.
<b>Battery Life</b>	Advertised battery life of six hours or more
<b>Wireless Capabilities</b>	Dual Band wireless capabilities (2.4 & 5 GHz) Note: Although 2.4 GHz is available at CHS, 5GHz 802.11AC/802.11abgn is recommended, as 2.4GHz is a slower wireless range, hence internet speed may be affected in class.
<b>Additional Requirements</b>	Students in year 9 and 10 undertaking elective <b>Information and Software Technology (IST), Visual Arts (VA) and/or Photography and Digital Media (PDM)</b> are required to have a device with a Windows 7 (or newer) or Mac OSX 10.7 (or newer) operating system to allow installation of required software.
<b>Additional Recommendations</b>	<ul style="list-style-type: none"> <li>Maximum weight: 1.5kg</li> <li>Minimum RAM (laptops): 4GB (or 8GB for Yr 9/10 IST/VA/PDM students)</li> <li>Minimum Storage: 64GB (tablets), 128 GB (laptops)</li> <li>Disk configuration (laptops): Solid State Drive (SSD)</li> <li>Accidental loss and breakage insurance</li> </ul>

### Functional Specification

The device must also meet all of the following functional requirements pertaining to application software:

<b>General Education Software</b>	<ul style="list-style-type: none"> <li><b>Web browser</b> – Windows computers must run Internet Explorer 10 or newer. Chrome, Firefox and Safari (Mac) are recommended</li> <li><b>Word Processor</b> – E.g. Microsoft Word, Apple Pages, OpenOffice Writer.</li> <li><b>Spreadsheet Package</b> – E.g. Microsoft Excel, AppleNumbers, OpenOffice Calc.</li> </ul> Note 1: Students can download and gain a free educational license key for Microsoft Office 2016 for Windows and Mac OSX from <a href="http://nsw-students.onthehub.com">nsw-students.onthehub.com</a> . Instructions on how to do this are available on the school's website. These instructions are a <b>MUST READ!!</b> Note 2: All students have a Google Apps account linked to their portal account, which includes basic office software including Google Docs and Spreadsheets.
<b>Elective Software</b>	<ul style="list-style-type: none"> <li><b>IST, VA and PDM</b> - Adobe Creative Cloud (Available FREE from DEC onthehub)</li> </ul>
<b>Security Software</b>	Current and reputable security software

## Chatswood High School's 'Bring Your Own Device' Program 2017 - Device Suggestions: <http://bit.do/chsbyodsuggestions2017>

This is a list of devices that have been compiled based on CHS's BYOD specifications, feedback current students and online reviews. We recommend you use this as a starting point, but conduct your own research and select a device that best meets the student's needs and budget.

Device	Processor	RAM	Hard Drive	Weight	Screen	Price <sup>1</sup>
<a href="#">Apple iPad Pro<sup>2</sup></a>	A9X	2/4 GB	128 GB SSD	0.44 kg	9.7" Touch	\$919
<a href="#">Apple Macbook Air</a>	Intel Core i5	8GB	128 GB SSD	1.35 kg	13"	\$1549
<a href="#">Apple Macbook</a>	Intel Core m3	8GB	256 GB SSD	0.92 kg	12"	\$1999
<a href="#">Apple Macbook Pro</a>	Intel Core i5	8GB	256 GB SSD	1.37 kg	13.3"	\$2199
<a href="#">Dell Inspiron 11 3000 2 in 1</a>	Intel Core M3	4GB	128GB SDD	1.31 kg	11.6" Touch	\$699
<a href="#">Dell XPS 13 Ultrabook</a>	Intel Core i5	8GB	128GB SSD	1.20 kg	13.3"	\$1899
<a href="#">HP 11 2 in 1</a>	Intel Pentium N3710	4GB	500GB SSD <sup>3</sup>	1.45 kg	11.6" Touch	\$598
<a href="#">HP Pavilion X360</a>	Intel Core i3	4GB	128GB SSD	1.33 kg	11.6" Touch	\$899
<a href="#">HP Spectre x2 12</a>	Intel Core M7	8GB	256GB SSD	1.22 kg	12" Touch	\$1599
<a href="#">HP Envy 13</a>	Intel Core i5	8GB	256GB SDD	1.39 kg	13.3" Touch	\$1899
<a href="#">Lenovo ThinkPad 11e</a>	Intel Celeron N5130	4GB	128GB SSD	1.50 kg	11.6"	\$859
<a href="#">Lenovo ThinkPad Yoga 11e</a>	Intel Core i3	4GB	128GB SSD	1.59 kg	11.6" Touch	\$1249
<a href="#">Microsoft Surface Pro 4</a>	Intel Core M3	4GB	128GB SSD	0.77 kg	12.3" Touch	\$1349
	Intel Core i5	8GB	256GB SSD	0.79 kg	12.3" Touch	\$1999

<sup>1</sup> Prices as of 22/11/16

<sup>2</sup> Apple iPad OS will not support installation of the DoE provided Microsoft Office and Adobe CS software

<sup>3</sup> This Hard Disk Drive (HDD) device has been included for comparison to SDD devices. In general, HDD devices offer more storage for a considerable lower cost, however they are generally heavier, use more power (decreasing the battery life) and are more susceptible to data loss if damaged. **Chatswood High School recommends purchasing a device with SSD storage.**

**Chatswood High School's BYOD Policy, Equity Policy and Software Redemption Instructions are available on the Chatswood High School Website under For Students & Parents> BYOD Program.**