

# Device Specifications

## 1/ Hardware Specifications

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|---|---|
| <b>Form Factor</b>  | Laptop, tablet device or convertible device<br>A tablet device must have a physical keyboard attachment with separate keys for A – Z and 0 – 9 and which physically move when depressed.<br><br><b>A mobile phone is <u>not</u> an acceptable device</b>  |
| <b>Physical Dimensions</b>  | Minimum Screen Size: 7.87” (Ipad Mini size)<br>Maximum Screen Size: 13.3”   |
| <b>Operating System</b>   | Microsoft Windows 7, Windows <b>8.1</b> or newer<br><ul style="list-style-type: none"> <li>• Apple MacOS X 10.6 or newer</li> <li>• Apple iOS 6 or newer</li> </ul> <b>Note:</b> Android-based devices are <b>intentionally omitted</b> from the Hardware Specification as Apps do not work properly on the school’s wireless network.<br><b>Note:</b> Windows 8.1 is available as a free update to Windows 8 |
| <b>**Wireless Compatibility**</b><br><br><b>**This is the most important specification as there will be no internet access if your device does not comply**</b> | Device MUST have <b>5GHz- 802.11 a/b/g/n, 802.11 a/g/n or 802.11 ac</b> to connect<br>(Must have the ‘a’ to connect to a 5ghz network)<br><br><b>Devices with 802.11 b/g/n or 802.11 n will not connect</b>   |
| <b>Battery Life</b>   | Advertised battery life of at least <b>six hours</b><br><br>(There are not facilities to charge laptops in classrooms)  |

### Additional Considerations:

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

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| <b>Recommendations</b> | Maximum weight: 2kg<br>Minimum RAM (laptops): 4GB<br>Disk configuration (laptops): Solid State disk (SSD)<br>Protective cover/sleeve |
| <b>Considerations</b>  | Accidental loss and breakage insurance<br>Anti Virus Protection  |

## 2/ Software Specification

Additionally, 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;

- **Google Apps** provides the ability to create and store documents, presentations and spread sheets for free. This works 'in the cloud' and work can be shared across a variety of devices and operating systems.
- **Microsoft Office and Adobe Creative Suite.** These are available to students for free from the DEC Portal so you do not need to buy any expensive software. Available for both Mac and Windows laptops. Students are to download independently. Instructions are on the Student Portal

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|-----------------------------|---|
| <b>Access the internet</b>  | Any modern web browser. Windows computers must run Internet Explorer 10 or newer                                      |
| <b>Create documents</b>     | Any word processor. Examples include Microsoft Word, Apple Pages, Google documents (free in the cloud)                |
| <b>Create presentations</b> | Any presentation tool. Examples include Microsoft PowerPoint, Apple Keynote, Google presentations (free in the cloud) |
| <b>Create spread sheets</b> | Any spreadsheet tool. Examples include Microsoft Excel, Apple Numbers, Google spread sheets (free in the cloud)       |
| <b>Take notes</b>           | Students can use their device to take notes either through a word processors, or Apps like Notability or Evernote     |
| <b>Open PDFs</b>            | Acrobat PDF Reader must be installed on all devices. (free)   |