**Hardware Specifications: for parents to purchase devices for students 2017**

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| **Wireless Compatibility**  **\*\*This is the most important specification as there will be no internet access if your device does not comply\*\*** | Device must have **5GHz** support and have 802.11n WiFi  NB Devices with 802.11a/b/g or 802.11n 2.4 GHz only will NOT be able to connect. |
| **Form Factor** | **Laptop**, **tablet** device or convertible device  It is recommended that the device have a **physical keyboard**  **A mobile phone is not an acceptable device** (While at times student may use their mobile phone to look things up. A mobile phone is considered not large enough to work on in a sustained manner). |
| **Storage Space** | Most new machines will meet the needs of students. We are encouraging students to utilise cloud based storage for their work so that they can access it from all locations and devices. Therefore storage is no too critical. Below is just a guide.  Minimum 16Gb storage on a Chromebook. Minimum 64Gb storage on a windows device  **Note:** We are encouraging students to store work in the Internet in cloud based storage. |
| **Physical Dimensions** | The physical dimension of the device should be guided by these 2 considerations.   1. The device should not be too big so that it adds too much weight to the student’s bag when carrying it too and from school. 2. The device should not be too small because this will make it difficult for the student to view the work. |
| **Operating System** | Microsoft Windows 7, Windows **8.1** or newer   * Apple MacOS X 10.6 or newer * Google Chrome OS, **does not connect well to detnsw**.   **Note:** Chrome is the operating system on the Chromebooks. This OS does NOT run any of the Microsoft products. Instead, it provides a range of applications that work in an internet browser, eg Google Apps. This software can open and edit Microsoft and Adobe documents.  **Note:** Windows 8.1 is available as a free update to Windows 8 |
| **Battery Life** | Advertised battery life of at least **six hours**  **Note:** There are not facilities to charge laptops in classrooms.  **Note:** Over the life of a computer the battery life will most likely reduce, which may impact of the effective use of the device over time. The purchasing of another battery may be needed |