BYOD@APHS

In 2014 Albion Park High School continues its technological journey with the introduction of Bring Your Own Device – BYOD – for our Year 7 and Year 9 students.

Much work has been invested in integrating technology into the curriculum at APHS and it is essential for us to continue the development of students’ 21st Century Skills (see school website for an excerpt from a White Paper ‘1-Defining-21st-Century-Skills p31 - Information Literacy’). The National Curriculum, being introduced in the core in 2014, emphasises the need to utilise information literacy skills as well as being competent in the use of digital technologies. The BYOD program is the first step in embracing technology as an essential learning tool; at APHS we are excited to embrace 21st Century Learning.

The DEC has indicated that Public Education students will be given a one-off opportunity to download Microsoft Office Suite and Adobe CS6 software for PCs. The proposal is also that students will have access to Microsoft Office 365 (cloud based access to Microsoft Office products) proposed for day 1 term 1 2014. As we find out more about this we will continue to update our parents.

When students bring and use their own device, students and parents will be asked to sign a student agreement that outlines the actions and behaviours that are acceptable and appropriate. This includes acknowledging that the school cannot be held responsible for any damage to, or theft of, the device. It will also be a requirement that the device has anti-virus software. In connecting to the school Wi-Fi the same filtering and security that applies to the current DER laptops will also apply to BYOD devices.

This is a new journey for us all across NSW and we understand that there are many questions that parents/carers may have, we encourage a phone call or email or use of Facebook so that these queries can be addressed. Please access our school website where we are placing BYOD resources that may help you better understand the BYOD program. On our website there also are links to supplier pages offering BYOD options. On the following pages you will find guiding specifications for purchasing a device.

For students who already have a device at home

We are offering technical support to any student/parent who wishes to bring in their own device, to ensure it works on our system. This day will be Tuesday 10th December from 8:30am to 5:30pm in the library. We ask that
parents/carers call or email the school to indicate if they wish to bring a device to test. This way we can ensure we have enough technical assistance on the day.

Testing a device at school

Before bringing your device to school for testing please check/do the following:

Does your device have-

☐ 5Ghz band on wireless connection (Will not be able to connect to wireless without 5Ghz band function)
☐ Screen size no bigger than 15” (inches) preferred size 11-13” (due to portability and battery life)
☐ Battery life at least 5 hours, preferable 7 (this can be achieved by changing power settings).
☐ Preferred ability to plug-in/interact using a keyboard and mouse/track pad. (Back up data, interactivity in classroom)

Hardware

☐ updated virus definitions and a recent scan
☐ Critical windows updates downloaded and installed, including malicious software removal tool.
☐ No inappropriate personal data which may be seen or accessed by other people.
☐ No inappropriate material (images/videos of violence/threatening behaviour/sexual/nudity/obscene/rude/racist content)

Software

☐ Internet Explorer 10 or Higher / Firefox 25 / Google Chrome 31 / Safari (Latest version for your version of OS X)
☐ Windows 7 Pro 64-bit or higher / Android 4.2.2 / OS X 10

If you are unsure about any of the above points or have a question about checking your device our TSO, Jayson Pencil, will be happy to address your queries on these issues. He can be emailed at jason.pencil@det.nsw.edu.au or you can call the school 42571744.
### Tablet Systems

#### Important
- whichever device you decide as your B.Y.O.D device please note you must ensure that a **5GHZ** Wireless connection is Mandatory for it to work on the Albion Park High School Network.

#### Helpful Hints:

The CPU, memory, storage and battery all work in unison, giving Tablet devices a speedier response time on starting up and saving Data, along with the ease of portability similar to a mobile phone.

The majority of Tablet systems also now have the benefit of attaching optional Extras like Keyboards and USB Thumb drives effectively turning them into a mini Notebook

<table>
<thead>
<tr>
<th>TABLET -</th>
<th>TYPE</th>
<th>MINIMUM</th>
<th>REASONING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Dual Core/Quad Core</td>
<td>-</td>
<td>The type of CPU will determine how fast the system will process instructions</td>
</tr>
<tr>
<td>Memory</td>
<td></td>
<td>2 GB</td>
<td>Memory working in together with the CPU allows the Tablet room to breathe and operate to its peak performance.</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>5 GHz WI-FI</td>
<td>-</td>
<td>Int. standards protocol having this listed in not enough the WI-FI <strong>must</strong> indicate a <strong>5GHZ</strong> connection Standard.</td>
</tr>
<tr>
<td>Storage</td>
<td>IBMM</td>
<td>16 - 32 GB</td>
<td>IBMM (In Bedded Memory Modules) Similar to an SSD (See below) however main difference is that storage is not removable.</td>
</tr>
<tr>
<td>Battery</td>
<td>Li-on</td>
<td>5-7 Hours</td>
<td>Usually manufactures list standby hours when they talk about battery times, always ask what the actual operating hours are</td>
</tr>
</tbody>
</table>

**PLEASE NOTE** - This guide should be seen as an Indicator **ONLY**. Albion Park HS takes no responsibility for your choice of device should it not operate as intended
### Helpful Hints:

Differences between a Notebook and Laptops can be significant. Notebooks usually have a smaller overall size compared to a Laptop. Laptops are generally classed as Desktop replacements for home use; they incorporate powerful CPUs that use large amounts of power. Whereas Notebooks have an improved energy efficiency with a smaller overall size, coupled with a lower weight that makes them last longer than their counterparts.

*Please Note* When considering a notebook always take into consideration its weight and size.

<table>
<thead>
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<th>TYPE</th>
<th>MINIMUM</th>
<th>REASONING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Atom/Celeron/AMD</td>
<td>PC1.5 GHz 1.8 GHz <em>Apple 2.13Ghz</em></td>
<td>CPU for notebooks fall into TWO categories Dual Core or Quad Core by two Companies Intel &amp; AMD. When looking for a device mainly look to see if its Dual Core or Quad Core, Quad Cores are significantly faster.</td>
</tr>
<tr>
<td>Memory</td>
<td>DDR3 -Sodimm</td>
<td>PC4GB <em>Apple 4GB</em></td>
<td>Unlike Tablet devices Notebooks require more memory to meet a CPU's demanding workload</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>5 GHz WI-FI</td>
<td></td>
<td>Int. standards protocol having this listed in not enough the WI-FI must indicate a 5GHZ connection Standard.</td>
</tr>
<tr>
<td>Storage</td>
<td>HDD OR SSD</td>
<td>PC /Apple 64 GB SSD 320 GB HDD</td>
<td>SSD (<em>Solid State Drive</em>) Memory modules that act as a storage device records data at Blistering speeds. HDD (<em>Hard Disk Drive</em>) Mechanical Drive structure that holds more storage at the cost of slower reading speeds.</td>
</tr>
<tr>
<td>Battery</td>
<td>Li-on</td>
<td>Min 5-7 Hours</td>
<td>Usually manufactures list standby hours when they talk about battery times, always ask what the actual operating hours are</td>
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**Current Apple Mac book Pro**

| 2014 Apple Models | Mac Book Pro 13.3 | 2.5GHz CPU, 4GB RAM, 500GB HDD, 13.3" Intel Iris Screen |

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