

BYOD – BRING YOUR OWN DEVICE

We live in an ever changing world where schools are not the only source of learning. Our students are using digital devices outside of school to communicate and learn. We would like to see those devices being used in the College to further enhance their learning.

In 2017, all students in the College are expected to bring their own personal digital device. This may be a chromebook, a notebook, a laptop, or a tablet. The device, however, must be internet capable. A smartphone is permitted, but these are not suitable as the sole BYOD device for classroom use.

Over the past few years the College has invested a significant amount of resources into ensuring that we have the very best infrastructure that we can. This has included a whole school network upgrade, the installation of a college wide wireless network and provision of ultra-fast broadband.

WHY BYOD (BRING YOUR OWN DEVICE)?

A student owned internet capable device can be an important part of a student's toolkit that will give them instant access to unlimited resources and enable them to support, extend, communicate and share their learning in a way that will prepare them for their futures.

The advantages of student owned devices include:

- ❖ Anytime, anywhere access to class resources, support and extension activities through the Campion College website.
- ❖ The ability to develop “digital” folders and exercise books for their classes (that can't be lost, and never need replacing) through Google Apps
- ❖ The ability to develop a portfolio of their learning using Google docs.
- ❖ Greater ability to communicate with teachers, parents and peers to support their learning through instant access to their student e-mail
- ❖ Anytime, anywhere access to unlimited resources and information on the internet
- ❖ The ability to draft, redraft and publish their work at the click of a button
- ❖ Encouraging students to become active partners in their learning

WHAT TYPE OF DEVICE AND HOW MUCH WILL IT COST?

The College ICT system is designed to support all devices that are internet capable.

In Years 7 to 9 a tablet, a chromebook, a notebook, or a laptop would suit most uses. (Some tablets may be limited if the student is doing a lot of typing).

In Years 10 to 13, a chromebook, a notebook or a laptop is recommended. The College system can work with Apple, Android or Microsoft products.

Much of the work done by the teacher will use Google and therefore chromebook will work with most applications.

We leave it to families to source the device that best meets their needs for the age of the student, the courses they are taking and the budget implications.

A DEVICE GUIDE TO BYOD AT CAMPION COLLEGE

- At Campion, we use Google Apps so it is advantageous that all devices can load and operate Google Chrome Browser.
- All students will be given a College Gmail and Google Drive account.
- An external keyboard is an advantage especially in the senior school.
- For senior students a laptop/notebook device is recommended as some departments require specific software to be downloaded.
- It is recommended that all devices have a protective case to guard against accidental damage.
- The College has no liability in the case of a damaged device.
- Generally the better the processor and the bigger the RAM the better the device will work.
- It can be an advantage to have the latest versions of the operating system for your device.

A DEVICE GUIDE TO BYOD AT CAMPION COLLEGE

Devices	Strengths	Weaknesses	Summary	Price
<p>Chromebook New category designed specifically to run in a Google environment.</p>	<ul style="list-style-type: none"> - Chrome OS. - Boots up really fast. - Works well with Google apps. - Designed to work in 'The Cloud'. - Portable and light weight. - Excellent battery life. 	<ul style="list-style-type: none"> - Small disc drive. - No DVD drive. - Cannot load specific learning needs programs e.g. WordQ. Some might be available through Google Play. 	<p>Excellent for a cloud based environment but loading specific programs can be problematic.</p>	<p>Ranging from \$450.00 to \$600.00</p>
<p>iPad, Android or MS Win 8 Tablet A tablet is a device that is similar to a smartphone, except it has a much larger screen (usually around 10"). Tablets don't fold like a laptop, and don't have built-in physical keyboards, but do have touchscreens. A typical device in this category is the Apple iPad.</p> <p>Warning: There are some devices advertised as tablets that lack many features of a regular tablet.</p> <p>These devices often have a smaller (7") screen, are priced at the lower end of the market and are better understood as "media readers" than tablets. These devices, such as the Amazon Kindle Fire, are more similar in functionality to an eReader.</p>	<ul style="list-style-type: none"> - Lightweight, small and portable. - Instant "On" a tablet is instantly ready, without requiring a boot-up or logon process. - Cheap apps and application is often free or less than \$5.00 to purchase and install. - Can be cheaper than a laptop MS Window 8 - devices tend to come with a keyboard. 	<ul style="list-style-type: none"> - No traditional file system. - You cannot plug a USB flash drive into many tablets to copy a file on or off the drive. File transfer needs to be done via e-mail or a Google Docs type solution. - The size of the screen. - iPad and Android devices tend to lack a built-in keyboard which can be limiting factors when creating content. However, external keyboards can be purchased to help with this issue. - A tablet is not equipped to run all of the applications that a laptop can run (e.g. Photoshop). - iPads cannot run Flash, which many websites rely on (e.g. Mathletics). - iPads cannot load Google extensions. Some other tablets can (e.g. Android based tablets). - Tablets have very limited word processing capabilities. - A tablet requires a computer or cloud storage to "sync" or "pair" with for functions such as backup and software updates. 	<ul style="list-style-type: none"> - Tablets are great for instant access to web browsing and e-mail. - Apps can provide a wealth of different and unique functions. - However, a tablet should not be considered the equivalent of a laptop. 	<p>Ranging from \$300.00 to \$1,500.00</p>

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Devices	Strengths	Weaknesses	Summary	Price
<p>Laptop or Notebook</p> <p>The type of portable computer you are probably most familiar with. Laptops usually have screen sizes from 13" - 15" with a few larger or smaller models available.</p> <p>Laptops have good versatility for students.</p>	<ul style="list-style-type: none"> - Full-functioning and versatile device, capable of performing a wide range of tasks from web browsing and e-mail through to word processing and viewing video. - High quality laptops are capable of photo and video editing. - The larger screen and keyboard size means that they are suitable for extended periods of input (e.g. word processing). - A wide range of models are available to suit different budgets and purposes. 	<ul style="list-style-type: none"> - Usually heavier and larger than the other devices. - Additional software (e.g. Microsoft Office, anti-virus, Adobe Photoshop, Final Cut Pro etc.) costs significantly more than apps for tablets do. 	<p>A laptop is suitable for the widest range of tasks that students will encounter. However, there is also a wide range of price and quality available. Not all laptops are created equal. Generally speaking, you get what you pay for.</p> <p>As a guide, a laptop costing less than \$1000 will usually cope with web browsing and word processing.</p> <p>Laptops ranging from \$1,000.00-\$2,000.00 usually run reasonably quickly, and laptops approaching \$2,500.00 can be used for high end specialised applications such as photo editing and video editing.</p>	<p>Ranging from \$500.00 to \$3,000.00+</p>
<p>Ultrabook</p> <p>This is a new category of laptop computer, which replace the old Netbooks. This is an attempt to combine high-powered components with ultra portability.</p> <p>The MacBook Air is a popular example in this category, as is the Asus Zenbook.</p>	<ul style="list-style-type: none"> - Screen size is small enough to be portable, but large enough for extended use (11"- 13"). - Very thin form factor (<10mm-20mm) - Very light (1-1.5kg) - Excellent battery life. Often these models include a Solid State Drive (SSD), which, although small, is very fast 	<ul style="list-style-type: none"> - No built-in DVD/CD drive. - External USB drives can usually be purchased separately if required. - Usually no built-in network adapter for high speed network access via a cable. - Wireless network access is built-in - Often an adapter is required to connect the computer to a projector, television or LCD display - Hard drives are usually small in size. - Can be expensive. 	<p>An excellent compromise between portability and versatility.</p>	<p>Ranging from \$1,500.00 to \$2,000.00</p>
<p>Smartphone</p> <p>A mobile phone with a touchscreen that is capable of basic web browsing, e-mail and utilises apps. For example the Apple iPhone, Samsung Galaxy S III</p>	<ul style="list-style-type: none"> - Highly portable and convenient - Built-in camera 	<ul style="list-style-type: none"> - Small screen size limits the ability to browse the web efficiently. - Can prohibit content creation. 	<p>Smartphones will have occasional uses in the classroom but are not by themselves suitable BYOD devices for Classroom use.</p>	<p>Ranging from \$400.00 to \$1,500.00</p>

CHOOSING THE RIGHT DEVICE

If you are buying a device for your child the following considerations are important for the school environment:

BATTERY LIFE

Ideally, the battery should last for 5-6 hours to be able to get through a school day without recharging. *(We do have a large number of power outlets to help those who run out of battery).*

WEIGHT

Should be light enough to be carried around all day. Anything more than 1.5 kg including the case might be too heavy.

WIRELESS

Must be dual band capable, and state that it has a/g/n or a/b/g/n.

RAM

Should be 2GB or more otherwise programs will be much slower to run.

CPU

Faster is usually better, but may also reduce battery life. Intel Atom CPU's mean longer battery life, and Core i3 or i5 are more powerful but reduce battery life, so discuss your needs with the supplier

HARD DISK DRIVE

Should be at least 160GB. Some newer devices may feature SSD drives, which are faster, lighter, and more reliable and give longer battery life, because they have no moving parts, but they are also much more expensive.

ROBUSTNESS

Your device should be strong enough to survive a fall onto a hard surface.

INSURANCE

While we take care to protect students' property, we cannot accept responsibility for devices lost or stolen, so make sure it is covered for these possibilities. Accidental damage insurance may also be available if desired

WARRANTY

All devices come with a minimum warranty of 1 year. There is some debate whether extended warranties are cost effective and we leave this to parents to decide. You

may want to consider how long the device will be away should it require repair under warranty, it could be a few days, or as long as a few weeks.

CAMPION ONLINE

At Campion, our online curriculum site is known as CAMPION ONLINE and is the gateway to a wide variety of other tools and resources. CAMPION ONLINE provides students with 24/7 access to course outlines, handouts and exam information, online discussions, calendars, links to websites, blogs, wikis, lessons, formative assessment, submission of assignments, chat and glossaries. CAMPION ONLINE is the “hub” for all learning areas and individual classes. Other software has also been integrated into CAMPION ONLINE such as Google Apps and MyPortfolio.

To access CAMPION ONLINE go to <http://campiononline.school.nz/>

GOOGLE APPS

Google Apps is an easy-to-use online word processor, spreadsheet and presentation editor that enables students to create store and share documents instantly and securely, and collaborate online in real time. You can create new documents from scratch or upload existing documents, spreadsheets or presentations. There is no software to download, and all your work is stored safely online and can be accessed from any computer or student owned device.

KEEPING SAFE ONLINE

Campion College believes that open communication between parents, teachers and students is the best way to keep students safe. Students will often share concerns with each other online. It is important that they tell a teacher and/or parent/caregiver when they are feeling uncomfortable or threatened online. If you have any concerns regarding internet safety please contact your parents, the College or visit <http://www.netsafe.org.nz>

Netsafe is an independent non-profit organisation that promotes confident, safe, and responsible use of Cyberspace.