



Learning Technologies: BYOD@Nazareth College FAQ

For the latest version of this document, please see <http://pam.nazareth.vic.edu.au>

Is a BYOD Device a compulsory item?

Yes. The school sees this as the direction for education and for achieving the best outcomes for students, so it is a compulsory item that Year 7 – 12 students will require from the first day of school for 2018.

Who will require a digital device in 2018?

In short, the answer is all students. A number of factors have influenced this decision, including the ability to compensate for the cost via booklist reduction and conversion to eTexts, which is possible over a two-year cycle (i.e. Year 7-8 or Year 9-10).

In 2018, all students are required to have a digital device for learning; however, they may choose to continue using an iPad or to bring a different tablet or laptop.

Are parents paying for the device?

Yes. Parents are to purchase the device and the device becomes the student's (parent's) own property. It will be yours to keep and we have a '**Digital Learning User Agreement**' in place to ensure that the devices are used appropriately and for educational purposes only while on school grounds and at school events. There will be no option to rent or buy through the College.

Why?

eLearning devices are designed to be personal devices that operate based on a personal Google, Microsoft OneDrive or Apple ID and all eTexts are managed through individual student accounts, so it is most appropriate for the device to be personally owned. To assist families in the affordability of the device, the majority of booklist items have been reviewed and been replaced with digital equivalents. The eBooks and Apps are significantly cheaper, so that across two years the combined booklist and device costs are designed to be virtually cost-neutral.

Perhaps the device could be a Christmas present – even a joint purchase with grandparents or other relatives.

What is needed in terms of device?

The **minimum requirements** for an appropriate BYOD device depend on the chosen type of device:

Type of device:	Laptop	Tablet (iPad / any Android)	Hybrid (e.g. Microsoft Surface Pro)
Screen size:	9.7" (24cm) screen size or larger	9.7" (24cm) screen size or larger	9.7" (24cm) screen size or larger
Processing memory (RAM):	8 GB	iPad Air <i>Generally, products that are from 2016 onwards.</i>	8 GB
Storage memory:	250GB (laptop)	32 GB	250GB (laptop)
Wireless compatibility:	802.11 b/ac Must have a Network Card	Cellular/mobile is NOT recommended	802.11 b/ac Must have a Network Card
Battery:	At least 6 hours of sustained battery usage	At least 6 hours of sustained battery usage	At least 6 hours of sustained battery usage



Please note that the iPad mini (and similar devices with small screens) is not sufficient, as the much smaller screen size severely compromises the ability to effectively navigate the eTexts, online testing and other resources.

Where do parents purchase the device?

Parents have the flexibility to purchase the device from the store or online provider of their choice. There will be no payment options through the school.

When do students need the device?

The College now has the student profile enrolment ready and the eTexts (see below) will be available for downloading from mid-January 2018 (Campion will email parents with instructions), so that the student eTexts will be ready for classroom use from the first school day of 2018. Ideally, all students should have their device by **early January 2018** to enable the setup of the device (from home) and to allow some time for students to get used to the device before bringing it to the learning environment.

What type of physical protection is required?

Nazareth College requires all students' iPads to be well-protected with a sturdy case that protects all parts of the casing and screen of the iPad.

For iPads, we recommend purchase and use of an **STM Dux Case** in any colour you choose. Details of the case may be found here: www.apple.com/au/shop/product/HH7B2ZM/B/stm-dux-case-for-ipad-air-2-blue

For Laptops and Hybrids, students should have either a padded sleeve or a shoulder bag.

- Sleeves are designed to fit easily into other bags, and offer less protection than most shoulder bags; e.g. the Targus CityGear 15.6" Laptop Sleeve, found at: www.targus.com/au/citygear-156-sleeve-black)
- Laptop bags offer more space for storage of chargers and accessories, generally provide more protection and are easier to carry (due to the shoulder strap), but are bulkier and more difficult to fit inside a school bag.; e.g., the Belkin 16" Simple Toploader, found at: <http://www.belkin.com/au/F8N657-Belkin/p/P-F8N657/>

If a student already has a device, it is important to understand that a sturdy case / sleeve / bag is compulsory. Any student who arrives on the first day without suitably sturdy protection for carrying their device between classes will be required to purchase one. Think of it as part of the uniform.

We already have an older device at home: do we need to upgrade?

Most tablets are designed for a two-year turnover, and our financial modelling (including eTexts) has been done to allow for this.

For iPad owners, we advise you to upgrade to the iPad Air 2. Each year, Apple brings out a new operating system (at the time of printing, current is iOS11.0.3) and each new operating system is designed for the latest iPad. This means that older iPads run more slowly and have more problems, as all the Apps also get updated to use that latest iOS. Even the iPad Air 2 was released in late 2016, so will be a 3-year old model by the end of the 2018.

Laptops are generally expected to last for 3 years, but all devices may be suitable for longer periods providing their speed and storage remains optimal for learning.

Can the device be engraved for Security purposes?

It is best to consult with the manufacturer or place of purchase to ensure that you do not void the warranty if you want to do this when you purchase the device.



Do we still have to buy textbooks and stationery?

YES, you still need to buy some textbooks and stationery via the booklist. Basically, the traditional booklist has now been split into:

- Booklist, which includes physical texts, stationery and eTexts (all purchased by parents via Campion booklist);
- Paid Apps / programs (supplied via the College);
- Free Apps / programs (students to download from the App Store / Google Play).

At this stage, not all text books used in our Curriculum are available in electronic format. However the number of textbooks has been significantly reduced by Nazareth due to eText bundles. For most eTexts, parents also have the option of purchasing a physical, printed copy (usually at an additional cost).

How and when will students get eTexts, eBooks and school-supplied Apps?

eTexts links are emailed by Campion to the student's Nazareth College email address. Paid Apps will be rolled out early in 2018, through management software (MDM) that will allow Nazareth College to manage student BYOD devices.

This will all happen through the internet or through the school network. Students will not have to hand over their devices to anyone to get the materials but they will need to agree to some terms and conditions as specified in the **Digital Learning User agreement**.

What can students have on their device?

While the BYOD device is being utilized as a learning tool, we recognise it is also a personal device. School-required resources will not fill the device, and students can put other apps and software on it, within the limits of the **Digital Learning User agreement**.

Students will need to ensure there is enough room for all the educational materials first. As an example, Nazareth College will not be sympathetic if a student cannot get the Maths book on the iPad because there are too many personally saved videos.

Students will need to ensure that the content is appropriate for school and they will need to make sure that whatever is on their device is used only at appropriate times.

Students will be required to sign the **Digital Learning User Agreement** about the use of their BYOD device and other eLearning resources before they are allowed to access the network and Nazareth College will expect that students follow the terms to which they have agreed. The agreement is currently available to parents via [PAM](#).

Is there technical support for the devices?

Yes, but the college is only able to provide support primarily for network access and some software / eText issues.

The College is not a device repairer and not recognized as such by manufacturers for this purpose. You will need to organise your own hardware and warranty repairs through your place of purchase or recommended repairer as listed in your device warranty.

What happens if the device is damaged or lost?

With the device being owned by the student, and not the school, it cannot be covered by the College insurance policy. It needs to be covered by your own contents insurance policy. You should investigate this with your insurer if you wish to insure the device (a step the College highly recommends).



Is there an agreement I need to sign before my child can use the device at school?

Yes. As part of the program, parents and students will need to agree to the terms of the **Digital Learning User Agreement** before a device will be permitted to access the College network and be brought to classes.

What if we decide we want a higher model device?

Families are welcome to purchase a device that exceeds the minimum requirements if they wish.

For a tablet, is 16GB enough for memory?

32GB is the current minimum on iPad Air models, but the 2015 models were released with a 16GB option. We recommend 32 GB of storage for any tablet devices, so that students have plenty of space for creative educational use of the device.

Even with 32 GB, careful file management through cloud storage (iCloud, Google Drive, DropBox, etc.) and file curation is required to ensure students have enough room for creating and accessing eLearning content.

Can we 'jail-break' our iPad?

Jail-breaking, in short, is breaking into the iPad and voids the Apple Warranty. Jail-breaking is clearly defined in our 'Digital Learning User Agreement' as inappropriate use and is therefore not allowed. Any students found with a jail-broken iPad will be removed from access to the school network and may not use their iPad at school.

Do we have to pay for all software and Apps that the school wants my child to have?

The simple answer is Yes (*via the Composite subject levy*), although the school provides access to Google Suite, and the powerful Apple iWorks suite (including Pages, Numbers, Keynote, iMovie) now comes free with all new iPads and many of the required iPad Apps are also free (*see the final page of this document*). Android device users will find variations on most of the listed apps for free in the Google Play store.

As part of the eLearning package, the school will provide students with access to a set of core software and/or Apps and other software/Apps deemed necessary for the students' study purposes. The cost of these is included in the Composite subject levy.

For iPads, Apple has developed an education Volume Purchasing Program (VPP) portal for Apps, accessible only to schools. This allows the College to purchase bulk licenses of an App for all the students in a Year level at a discount cost (up to 50% cheaper). These are then assigned to individual students as part of the MDM (see next response). This will be the model of choice for purchasing Apps and allows the College to purchase these at a reduced educational cost for families.

Are there any controls over what my child can and can't use on the iPad?

The College upgraded our wireless and network infrastructure to provide students with a Wi-Fi network capable of handling hundreds of users at once. As part of this upgrade, the College has installed Mobile Device Management software (MDM or AirWatch) to control and filter everything that is accessed via any 1:1 student device, as well as to manage the distribution of software and Apps. Students misusing their device can instantly be identified and disconnected from the network using MDM, and parents informed of any student breaches and action taken as a consequence.



Can you open and edit Word, Excel and PowerPoint documents on all devices?

Thanks to the College-provided **Google Accounts** for each student, every student has free access to an unlimited amount of Google Drive storage and the complete Google Suite. Google Suite apps can convert Word (into Google Docs), Excel (into Google Sheets) and PowerPoint (into Google Slides) which can then be accessed on any device, anywhere, as they are web-based applications. The Google Suite applications also have the great advantage of allowing student-student and teacher-student access to the same document to enable collaboration and teacher feedback.

What about opening and editing Word, Excel and PowerPoint documents on the iPad?

As in the previous answer, Google Suite has a full range of Apps for the iPad.

In addition, Word, Excel and PowerPoint documents can be opened, edited and saved on the iPad through the iWorks suite of apps. We list some core Apps for students that includes 'Pages' which can open a Word Document, make changes, and then copy it back to the 'Cloud' or email. Similarly 'Numbers' can do this to Excel documents, and 'KeyNote' does this with PowerPoint documents.

Will students need an Apple ID?

This depends on the device. Only students with an Apple device (iPad or MacBook) will be required to create an Apple ID. If students have an existing ID this may be used instead of creating another account. A feature called **Family Sharing** enables families to share Apps and allows parents to create a separate ID for students under 13.

See <https://www.apple.com/au/icloud/family-sharing/> for details.

Will my child need to have my credit card details to register for an Apple ID account?

No. You can set up a **Family Sharing** Apple ID account without the need of a Credit Card during sign up. Please see the previous answer.

What if I can't get Wi-Fi at home?

All eTexts also come as PDF versions so students will still be able to complete homework, and families will also have the option of purchasing a physical, printed copy of most texts through the booklist (at an additional cost). In addition, the College Resource Centre is open both before and after school for students, and all local libraries also have free Wi-Fi access.

Will the students be able to use their devices in the school yard?

No, the school encourages a balance of work and play. To ensure protection of BYOD devices from damage, they will be required to be secured in lockers during recess and lunch with their combination lock. Students are able to use the device in the Resource Centre at recess/lunch time and before/after school to complete school work.

How will teachers provide feedback?

There are a number of means by which feedback will occur. Teachers can add notes to work and email it back, or directly into a shared document (when using Google Suite). Criteria sheets can be used and sent back to the student. This encourages more *one-to-one*, personalised feedback during the development stages of various pieces of work.

Will my child stop hand-writing?

No. The eLearning device will act as an educational tool to aid in the learning process. Students will still need writing skills as assessment tasks will be balanced to both utilize the creativity of learning technology and to continue to reflect the VCE Examination requirements, which remain handwritten for the foreseeable future.



Can you print from all BYOD devices, including the iPad?

During 2017, the College has installed a number of copier/printers to which students can wirelessly send printing jobs from any device that can access email by sending the print job to print@nazareth.vic.edu.au

At the College, the aim is to try to reduce the number of prints required by each student over time. As part of the Nazareth College community, we encourage students to be aware of, and make every effort to minimise the impact on our environment. The eLearning device will assist in achieving this goal by reducing paper usage overall.

For home use, the iPad uses a technology called 'AirPrint'. Many printers now include this technology built in and are available at a reasonable cost.

Which free Apps will my child require on their device?

For laptop/hybrid devices, most applications will come with the Windows or other operating system. Some applications will need to be accessed as web-based equivalents to Apps available for tablets.

For iPads, the Apps listed on the following pages were all free in the App Store at the time of printing and are required for students to download to their device before the commencement of the 2018 school year.

For Android tablets, the Google Play store has equivalent free apps for most items on this list; however, the Google Play is not as well-regulated as the App store, so we are unable to provide a reliable list from Google Play.

N.B. Some of these need to be searched for using the "iPhone only" option in the App store.



Free Apps required by students with iPads:

(Android device users can find variations on most apps in the Google Play store)

Find My iPhone Pages KeyNote Numbers iMovie GarageBand Campion myconnect JacarandaPLUS Bookshelf Kindle Nazareth College Noble Park North Skoolbag Dictionary Google Drive Dropbox Prezi Edmodo Ideament Borrow Box	Flashcards* Quizlet TinyScan TinyPDF Molecules (<i>Sunset Lake software</i>) Amazing Universe Facts VideoScience Hubble Top 100 NASA HD Chatterpix (<i>by Duck Duck Moose</i>) Language Perfect Google Translate Bamboo Paper Stop Motion	MyScript Calculator Graphing Calculator by Desmos Khan Academy Convert Units FREE Salt + Light Laudate - #1 Free Catholic App KWL Digital: Secondary Series Year 7 – 9 only: The Day I Was Born FREE Atlas for iPad Free Disaster Alert (PDC World Hazards) Disaster Chasers Geo Game Trainer Google Earth IGIS for iPad iLearn: Continents & Oceans Learn World Geography Stuck on Earth
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Additional Free Apps required by students learning Japanese (Yr 7 -10):

Study Japanese Kana-Dojo Hiragana Pixel Party	Hiragana Bubbles	Hiragana (Kanamoji) – Let's Learn Japanese Hiragana
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Additional Free Apps required by Year 7 students:

Chinese History Timeline (Free) Pocket History Ancient Egypt Planets	Science Game - Electromagnetism (<i>Sridhar Sundaram</i>) Animals Life Cycle – Insects and Arachnids – Free SkyView Free Moon Globe	MSO Learn Metronome: Tempo Lite Don't Fret Volume 1
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Additional Free Apps required by Year 8 students:

The first crusade 1096-99 Medieval Wars: Strategy and Tactics Metronome: Tempo Lite Don't Fret Volume 1	Visual Anatomy Lite Oresome World Oresome Elements K12 Periodic Table	HudsonAlpha iCell Build a Body Human Body The Rock Cycle
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Additional Free Apps required by Year 9 students:

Building Serial Circuits (Lite) Building Parallel Circuits (Lite)	K12 Periodic Table Earth's Landforms(Schools)	RDS - Radioactive Decay Simulator Metronome: Tempo Lite
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Additional Free Apps required by Year 10 students:

Building Serial Circuits (Lite) Building Parallel Circuits (Lite)	RDS - Radioactive Decay Simulator	Earth's Landforms(Schools) K12 Periodic Table
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Additional Free Apps required by Year 11 students:

Chemistry students only: Titration Simulator Chrysalis Innovations (free version) Organic Chemistry Essentials Chemical Detectives (Pinion Systems)

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