



2019

# Technology 1 to 1 Learning Q and A Booklet

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# One to One Learning Questions and Answers

In this document you will find a list of questions you may have about the One to One Learning Program along with answers or suggestions. The program commenced at the start of 2015 and things may change as the program progresses; however, we have endeavoured to be as comprehensive as possible throughout this document.

If you have further questions which are not covered here, please do not hesitate to contact Graeme Ewing (Coordinator of Learning Technologies) or the College IT Department with your inquiry.

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# One to One Learning Questions and Answers

## 1. About the Program

Q: Why One to One Learning?

A: The One to One Learning program not only provides students with access to expanded, global resources and content but also provides students with the opportunity to take ownership of their learning and approach to creative problem solving.

Q: Who will be affected by the One to One Learning Program?

A: Students in years 7 to 12 will be involved in the program.

Q Where should I buy a device?

A An external purchase complying with the College's recommended specifications is the only option available this year. There are a number of local retailers who can supply devices including Officeworks, Harvey Norman, Joyce Mayne, Good Guys and Virtual City.

There are three styles of device prescribed that will be described in detail later in this document



# One to One Learning

## Questions and Answers

### 2. Teaching and Learning

Q: How will the devices be used in class?

A: The over-arching objective for the program is to transfer the ownership of learning to students by providing them with the opportunity to collaborate, communicate and research on a global level in real time. Currently our teachers deliver various teaching styles which range from setting specific online tasks to giving open-ended tasks where students are expected to find the solution however they can. With the introduction of our One to One Learning program this will become more fluid and prevalent.

Q: What effect will the program have on textbooks?

A: The College has already started implementing an eBook policy across various year groups and KLAs. We are planning, where possible to extend this across all KLAs for Years 7 to 12. The benefit of using an eBook, in addition to a reduction in weight, is the interactive content included.

Q: What effect will the program have on exercise books?

A: The College will still use a blended learning environment meaning that a range of learning activities will be used. Depending on the type of activity, exercise books will be used; however, the device will be an integral part of most lessons. The teacher will decide on the best tool to use and will clearly communicate this to the students.



# One to One Learning Questions and Answers

## 3. Google & Chromebooks

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*The College uses Google Educational Apps in addition to the existing Learning Management System that is part of the NAC Portal*

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**Q:** What are the benefits of using Google in Education?

**A:** Google provides affordable devices, innovative tools, and educational content built just for the classroom. Technology that helps inspire curiosity and boost productivity. Google will provide a stable platform with many web 2.0 tools that will allow, amongst other things, for sharing and collaboration both in the classroom and beyond and a reliable method of cloud based storage for students' work. These tools will complement our existing online learning management system that is an extension of the NAC Portal. Each student will be given a Google account that is attached to their College email address. The College can easily manage these accounts with the ability to do things like customising apps and tools for various year groups and setting up online collaborative learning tasks for small groups within a class.

**Q:** What is a Chromebook?

**A:** A Chromebook is different to a Mac or Windows based computer. It runs the Chrome operating system and is mostly reliant on Web connectivity. You cannot install applications like the Microsoft Office suite so tasks like desktop publishing and presentations are done using Web based apps like Google Docs and Presentation. In fact, Chromebooks can do any Web based activity, they are fast, secure, portable computers that allow students to collaborate and share their work. Devices are affordable, starting at around \$400.00, are easy for the College to set-up and manage from the web-based management console.

**Q** What happens if there is no Internet

**A** Chromebooks do have an ability sync with a student's Google Drive meaning that documents can be accessed and worked on offline.

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# One to One Learning

## Questions and Answers

Q A computer for around \$400.00 seems too good to be true. Is there a downside?

A For College use, a Chromebook will meet the needs of the majority of students; however, some more senior students studying an IT course or Visual Arts may be looking for more. High powered application software like the Adobe Creative Suite (Photoshop, Illustrator, etc.), Microsoft Access and the like are not supported on a Chromebook. Some students may like to use their device beyond the classroom. Students should be aware that there is no DVD player, iTunes is not supported and high end games cannot be installed and played. That said, any Web based video or music content, things like YouTube, Vimeo and Google Music are accessible.

Q Will my child be at a disadvantage in the senior years in Visual Arts or IT if they only have a Chromebook?

A No. We will still have computer labs with high powered PCs to run specialised software for these courses.

Q Will Mac and PC users have access to the Google learning platform?

A Yes. Any device running the Google Chrome browser will be able to access the Google platform.

## 4. Mac & Windows Based Laptop

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*If your child already owns a PC or MAC, or wishes something other than a Chromebook that's OK. Please read the following section.*

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Q: Why is this option available?

A: Some people may prefer to purchase a device tailored to their own needs and likes. Others may already own a device that complies with the College's recommended specifications.

Q: Which type of device should I buy my child?

A: While the Chromebook is the recommended option there are two other options for device types the College is prescribing for the program; a Windows based Laptop, or an Apple MacBook.

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# One to One Learning

## Questions and Answers

Q What are the benefits of purchasing a Mac or PC?

A This option potentially provides greater choice and customisation than the Chromebook option depending on the use case. A Mac or PC may provide students with greater multi-media capabilities should they require them.

Q What are the disadvantages of purchasing a Mac or PC?

A A PC or Mac is generally more expensive than a Chromebook. They may also require extra software and carry additional technical support overheads for the end user.

Q Will my child be able to download songs, movies and other media on their device?

A While connected at College, students should be browsing the internet and downloading resources primarily for educational purposes. All access to Internet resources, email, copyright, etc on One to One Learning devices is governed by the College ICT Acceptable Use policy. Generally, the downloading of songs etc. would be in contrast to the above guidelines, and the College ICT Acceptable Use Policy.

At home, parents will need to govern this type of activity as they see fit.

Q: What are the minimum requirements?

A: We have included a set of minimum requirements and functionality at the end of this document. We have also outlined recommended specifications to help parents choose the most suitable device. In most cases, if you purchase a new personal laptop computer it will meet these specifications.

Q: Will there be specific software or apps which must be purchased?

A: A list of software and apps required is included in the Minimum Requirements section at the end of this document.

Q: Should I buy insurance?

A: The security of the device rests with the individual owner; as such Nowra Anglican College takes no responsibility for stolen, lost, or damaged devices. While College employees will help students to identify how to keep their devices secure, students will have the final responsibility for securing their devices. You may wish to check your homeowner's insurance policy regarding coverage of personal electronic devices, as many of these policies can cover loss or damage.

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# One to One Learning Questions and Answers

Q: I have an old laptop at home; can I give this to my child to use?

A: We strongly recommend that the device your child brings to College is as new as possible so that it meets our minimum requirements and is as functional and reliable as possible. Devices already over three years will probably not be suitable.

Q My children all share a laptop; will this do for the One to One Learning program?

A: Ownership of the device is important and students need regular access to their One to One device. All students will be set individual tasks involving their device on a regular basis, across a variety of subject areas. For this reason, it is essential that students have their own individual device.

Q What happens if my child's device malfunctions or is broken?

A The College IT staff will provide technical support related to the connection to the College wireless network and Internet. This will take place initially during the Connection Day as well as ongoing throughout term time.

For hardware issues, you will need to contact a computer Technical Support service or the company where you bought the device. Unfortunately, the College IT staff cannot attempt to repair personal devices, as this could invalidate warranties.

Q: I have bought the device, now what do I do?

A: Students will be expected to attend a "One to One Learning Boot Camp" on the first day of Term 1 2019. Further details will be provided closer to the time. In the meantime we recommend your child gets comfortable using the device and avoids installing too many programs or games which take up valuable memory.

# One to One Learning Questions and Answers

## 5. Chromebook Vs Mac & PC Table

|  | Chrome Browser | Google Docs & Educational Apps | Microsoft Office  | Adobe Creative Cloud | Other Specialised Standalone Software |
|--|----------------|--------------------------------|---|----------------------|---------------------------------------|
| Windows Based PC                       | X              | X                              | X   | X                    | X                                     |
| MacBook                                | X              | X                              | X   | X                    | X                                     |
| Chromebook                             | X              | X                              |   |                      |                                       |
| Recommendation by year group & subject | Years 7 & 8    |                                | Years 9 & 10 with IT & Art<br>Years 11 & 12 with a subject requiring a major work |                      |                                       |
|  | Years 9 & 10   |                                |   |                      |                                       |
|  | Years 11 & 12  |                                |   |                      |                                       |

## 6. Damaged and Faulty Devices

**Q:** Should I buy insurance?

**A:** The security of the device rests with the individual owner; as such Nowra Anglican College takes no responsibility for stolen, lost, or damaged devices. While College employees will help students to identify how to keep their devices secure, students will have the final responsibility for securing their devices. You may wish to check your homeowner's insurance policy regarding coverage of personal electronic devices, as many of these policies can cover loss or damage.

**Q:** What happens if my child's device malfunctions or is broken?

**A:** The College IT staff will provide technical support related to the connection to the College wireless network and Internet. This will take place initially during the One to One Learning Boot Camp as well as ongoing throughout term time. This support is the same provided to BYO devices. For hardware issues under warranty, you will need to contact the manufacturer's computer Technical Support service. Unfortunately, the College IT staff cannot attempt to repair personal devices, as this could invalidate warranties.



# One to One Learning

## Questions and Answers

Q: Will the College provide spare devices while my child's is being repaired?

A: A bank of College Chromebooks will be made available for students should their device be unavailable due to repairs. These devices will be clearly labelled as College property and the loan time will be restricted to a maximum of two weeks. There will be no charge for this loan. We recommend that, should you anticipate a repair taking more than two weeks, you arrange an alternative spare device for your child.

## 7. Connections

Q: Will the College provide WIFI 24/7?

A: The College will provide wireless internet connection to students while on the premises during business hours.

Q: Will there be web-filtering?

A: When students are on College premises and connected to the internet through the College's WIFI network, web-filtering will be engaged. Whilst no web-filtering solution is perfect, the College will do its best to prevent access to inappropriate websites detected to contain age-restricted material, potentially harmful material or illegal content. In addition, Facebook and other social media sites not deemed to be of educational value, will be blocked whilst on site. When your child is connected to the internet at home, employing web-filtering will be a decision for parents to make. A suggested solution to help set internet boundaries at home can be found at <http://www.kidsblocker.com>

Q: Will my child be able to use 3G/4G connections instead of the College WIFI network?

A: Students must only use the College's WIFI service to connect to the internet whilst on College premises and must not use 3G/4G for their device. 3G/4G connections can become very costly and are not subject to web-filtering. If purchasing a new device, it is our strong recommendation that no 3G/4G enabled devices are purchased.



# One to One Learning Questions and Answers

## 8. Day to Day Use and Support

Q: What do we do about printing?

A: Students will not be able to print directly from their One to One Learning device. Students may use the College computers to do their printing using their student cards. Instructions regarding printing will be provided at the One to One Learning Boot Camp.

Q: Will there be means of charging the device at College?

A: Personal devices must be fully charged before school each day and run on battery power while at school. We strongly recommend you purchase a device which has a substantial battery life so that it lasts the full school day. However, there is a charging station available in the College Library for students to top up their devices if needed during breaks.



# One to One Learning

## Questions and Answers

### 9. One to One Learning Device Minimum Requirements

## Hardware

### **Chromebook – MacBook – Windows Laptop – Windows tablet pc\***

#### **General Minimum Requirements for All Devices:**

- Screen size: 10.8 inch
- Screen resolution: 1024 x 768
- Wireless Connectivity: 802.11 G or N
- Audio/Video: Headphone and Microphone Ports
- No 3G/4G embedded support
- Full QWERTY Keyboard suitable for touch-typing
- Minimum expected Battery Life of 6 hours
- Robust carry-case

#### **Devices That Are Not Suitable**

**The following devices are not suitable as their operating systems do not support Google Chrome apps:**

- iPad
- Android table
- \* Windows Surface RT and Surface 2 (Surface Pro is fine)



# One to One Learning

## Questions and Answers

### Software

**Internet Browser:** All devices must have Google Chrome installed and set as the default browser.

**PDF Reader:** Google Chrome has a built-in PDF viewer enabled by default. When you click a PDF link on the web, the file opens directly in your browser window and therefore installing Adobe Acrobat Reader is not necessary.

**Productivity Software:** Much of students' work undertaken using their devices will include word processing, data analysis, presentation design and viewing and desktop publishing. Every student's Google account includes a suite of applications that can handle these tasks. As such it is not necessary to buy productivity software such as Microsoft Office for your child's Mac or PC and this remains as an option of your choice. Please note, Microsoft Office cannot be installed on a Chromebook; however, Office documents can be accessed and edited using the Google platform.

**Audio/Video Software:** A suitable audio and video application will be required. Due to the wide range of video types which exist, we strongly recommend that the free program [VLC Player](#) is installed (in addition to those already installed such as QuickTime, Microsoft Media Player etc) as it can open and view many different forms of video. Chromebooks have a default media player that is suitable for multiple video formats.

**Anti-Virus Software:** For Mac and PC users, up-to-date Anti-Virus Software is a must have to keep your child's own and other files safe. Various free Anti-Virus programs exist which are available for both Windows and Mac OSX.

Chromebooks do not require anti-virus software as the operating system is secure and you cannot install executable programs.