



Hume Anglican Grammar

Bring Your Own Device (BYOD) update for the 2019 school year

Since the commencement of 2017 it has been a mandatory **requirement** that all Secondary students (Years 7-12) have access to their own device and that this is available to them each day at school.

Through their own device, all Secondary students have access to a Virtual Desktop Infrastructure (VDI) environment, which provides them with access, both at school and at home (provided they have an internet connection) to all of their school files and the school's software. It is important to note that the VDI host supports connectivity for all major platforms, including PC and Mac.

It is very important that you take the time to read over the information provided in this document and use it to ensure that your child is ready for the 2019 school year, when having a BYOD available is a requirement.

If, after you have read over the BYOD Minimum Device Specifications and the responses to the FAQs, you still have queries these can be directed to:

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Hume Anglican Grammar

Minimum Device Specifications

Under the **BYOD Program**, all students in Years 7-12, are required to bring their own computing device to school each day. This personal computing device needs to meet the **Minimum Device Specifications** identified by the school, based on advice from our ICT Managed Services Provider, who manage student use.

The school strongly recommends that students choose a laptop device to ensure that their BYOD learning experience is maximised.

The identified specifications are:

- Wireless networking capability using 802.11g or n – this may be advertised as 'Dual Band Wireless' or 'Gigabit Wireless'
- A colour screen, no smaller than 10 inches
- Minimum 8GB of RAM (to help with the longevity of the device)
- Capability to connect a physical keyboard. Whilst an onscreen touch keyboard is possible, this may prove awkward for some
- An audio-out port and ear buds for headphones
- An inbuilt camera
- At least one full USB 2.0 port (if USB-C and adapter is required)
- Bluetooth 3.0 compatibility (Bluetooth 4.0 preferable)
- A minimum of 8 or more hours is desirable (must last a full school day); 10 hours would be ideal
- The ability to run a full functioning, recent web browser (Firefox, Internet Explorer, Chrome, Safari)
- An up-to-date virus protection program (for computers running a Windows or Macintosh computer operating system)
- Operating System requirements - Windows 8.1 or higher, Max OSX 10 or higher
- For PCs, the school uses Windows 10 and Microsoft Office 2016
- While this is accessible through the VDI, it should be installed on the device; this is often the case at time of purchase or an option then.



Hume Anglican Grammar - BYOD

Frequently Asked Questions

1. What is BYOD?

- Bring Your Own Device, for a number of years now has been a growing trend in education. It enables students to have the ability to bring their personally owned devices to school.
- It recognises that technology and choices about technology are very much personal.
- It acknowledges using technology in education means much more than simply meeting specific curriculum requirements.
- It also gives students and families, freedom to make technology choices that suit their preferences/circumstances.

2. How does the BYOD program operate?

All students in the Secondary School (Years 7-12) are required to bring their own computing devices to school each day. The device must meet the requirements as outlined in FAQ#9, which replicates what is set out in the **BYOD Minimum Device Specifications** document.

3. Is my child required to bring a device to school?

Yes, it is mandatory to bring a device to school in Years 7-12. Students will still have some access to existing school ICT resources, for the Arts and Technology subjects only, through the School's iMacs, MacBooks and PC all-in-one desktops.

However, by having their own device it will enable them to readily access the Virtual Desktop Infrastructure (VDI) environment, through which they will have access to all of their school files and the school's software suites, anywhere within the school.

4. What about physical safety of the device whilst at school?

As with other personal equipment, individual students retain the responsibility for their own property at school. Students must ensure that devices have a protective case or covering, and it is permissible to carry them in a small satchel. Parents are advised to make their own arrangements regarding insurance and cover for accidental damage. The school will not take responsibility for accidental damage or loss to student property, nor do our insurance policies cover it.

5. What happens to the device during recess, lunchtimes and before/after school?

It is up to the individual to ensure the safety and security of their device. Every Secondary student is provided a locker which should be secured by a lock. Devices must be locked in this locker and they are not permitted to be left elsewhere. Other than for supervised school work or private study, students will not normally be permitted to use their device outside of class time. We encourage students to relax and undertake physical activity during breaks, this allows them to work at their peak in class time.

6. Will the students' use of the Internet be monitored at school?

All student usage of the Internet is filtered and web history is also logged. Access to the VDI at school should only occur through the school's VDI gateway. Parents need to be aware that if they provide a child with a device with direct 3G/4G (i.e. Mobile Phone) access, the school is unable to filter, log and monitor the students' usage - please see FAQ#7 below, as such access is prohibited.

7. What about those devices which have the ability to access the Internet through 3G/4G?

It is becoming more common for devices to have the capability to 'sync' with a mobile phone and share its internet access. This is not permitted and would be a breach of the **Hume Anglican Grammar ICT policy**.

8. What about the storage of work?

As part of the BYOD program, storage of files will be on the school's file servers. However, it is probable that we may back-up to the Cloud in the future. Examples of free (yet often limited) online services include: Dropbox, OneDrive, iCloud, Office 365 and Google Drive. Students will still be able to save to their personal device itself but when they are operating within the VDI environment they should save to their My Documents folder.

9. What type of device is suitable?

Please see the **BYOD Minimum Device Specifications** document. Technology changes rapidly and it is not a small investment, so you want to get best value for money. Remember to let the retailer know, if you are looking to purchase a new device, that this is for educational purposes, as often there is discounted pricing for this purpose.

Examples of devices that meet the specifications are: Windows and Apple Laptops, Android Tablets and Windows Tablets.

10. How much can I expect the device to be used in class?

This will depend upon the subject, the topic and the teaching & learning approach being utilised. On some days the use will be

heavy and on others less so. The devices are required to enhance the teaching & learning experience but they do not drive it. All technology is used as a tool for learning.

11. What about more practical subjects like HPE, Materials Technology and Dance?

Certain subjects tend to lend themselves more to a BYOD program, however, the curriculum will drive the learning approach and as appropriate the BYOD will support the work programs. If devices are not required for a particular lesson, teachers will inform students who will be able to secure them in their lockers.

12. What happens if my device malfunctions?

The School's onsite ICT support technicians will be able to perform simple diagnostics and if the problem is easily rectifiable, then effect basic remedial measures. This would not include repairs to hardware. Please see FAQ#13 below.

13. What about an extended warranty or care package?

Most retailers or companies offer something similar to these and it is definitely worth investigating what each has to offer. For example, Apple Computers offer AppleCare.

14. Is it possible to access and print to the School printers?

It is possible and the students will continue to have some funds allocated to their printing account each term but we anticipate that students will increasingly be moving away from needing to print, other than for work to be submitted for assessment, where a hard copy is requested.

15. What about eBooks?

Many subject areas are utilising eBooks, which must be accessible on your child's device. These need to be accessed using the codes provided by the supplier, prior to the child requiring them in class.

16. Would it not make my child's bag heavier?

We recommend suitable devices that are relatively light, and therefore without the weight of textbooks, the bag should be lighter overall.

17. Is mychild still required to maintain a paper school diary?

At this point yes. We acknowledge more people are moving towards electronic calendars which include a diary, reminders, notes and tasks (e.g. MS Outlook), but the Secondary student diary is still required.

18. Does my child need to bring the device home each night?

Yes, they will need it for homework and they will need to make sure it is charged overnight. Therefore devices should be taken home daily.

19. What happens if the battery goes flat during the day?

The minimum device specifications recommended reference a battery life that will last a typical school day. Students should not need to recharge and should not expect there will be available chargers or power outlets. There should be no need for them to bring chargers and it is important they get into the habit of charging their devices overnight.

20. Do I need to purchase additional software?

No, the minimum software needed can be acquired free and sometimes comes pre-installed on a new device. Some companies provide reduced pricing for students or you may be able to access favourable deals upon purchase of the device. See FAQ#21 below.

21. Is there particular software that my child will need to have on their device?

The students need to be able to connect to the school's wireless network and to access the Internet. They will be able to utilise school software via the VDI environment.

22. What if my child is studying a subject which requires specialised software and/or hardware? Students who undertake subjects such as VCD, Music Technology or Media will continue to have access to school computers with the required software installed. There is no requirement to install specialised software on your device.

23. What happens if my child breaches the rules of acceptable BYOD use?

A student's transgression will be responded to according to the **Hume Anglican Grammar ICT policy** – (see the school website). This **policy** outlines the acceptable use of all personal devices. Students are reminded that whilst the device remains their property, the School reserves the right to retain and inspect any device at its discretion, and if deemed necessary prohibit the device from being brought to school.



Hume Anglican Grammar Bring Your Own Device (BYOD) Acceptable Use Agreement

Hume Anglican Grammar values the rich learning experiences that the managed integration of learning technologies can provide for students. The promotion and advancement of such integration is core to the School's educational philosophies and consistent with a 21st century learning environment.

By implementing a Bring Your Own Device (BYOD) approach, utilising a Virtual Desktop Infrastructure (VDI) environment, Hume Anglican Grammar allows its students to have a direct involvement in the way they use technology in their learning, in a tightly controlled manner.

Guidelines for use

- Use of personal devices during the school day is at the discretion of teachers and staff. Students must use these devices as directed by their teacher.
- The primary purpose of the use of personal devices at school is educational.
- The use of a personal device is not to be a distraction in any way to teachers or students. The use of personal devices must not disrupt class in any way.
- The **Hume Anglican Grammar ICT and Social Media policies** cover the use of personal devices.
- Students must bring their device to school fully charged and are not permitted to charge their device at school.
- Students agree not to attempt to circumvent the school's network security and/or filtering procedures. (This includes by using Virtual Private Networks "VPN's")
- Students shall not distribute pictures or video of other students or staff without their express permission.

Consequences for Misuse/Disruption (one or more may apply):

- Withdrawal of access to the school network and devices.
- Confiscation of personal devices used inappropriately throughout the school day, including on school buses, at sport, and during camps/excursions.
- Suspension or withdrawal of enrolment in cases of serious misconduct.
- It is a criminal offence to use an ICT device to menace, harass, make threats, or offend another person. In these instances, the school may consider it appropriate to involve police.

School Liability Statement

Students bring their own personal devices to use at Hume Anglican Grammar at their own risk. It is their duty to be responsible in the upkeep and protection (anti-virus software / security settings) of their devices.

Hume Anglican Grammar will NOT be responsible for:

- Personal devices that are broken/damaged while at school or during school-related activities.
- Personal devices that are lost or stolen at school or during school-related activities.
- Maintenance or upkeep of any personal device (keeping it charged, installing updates or upgrades, fixing any non-School software or hardware issues).