



# BYOD

## 2024 Handbook





## Princes Hill Primary School

The Princes Hill Primary School BYOD program will be available for all students in 2024. This handbook is designed to answer the questions you may have about the BYOD program.

The Princes Hill Primary School Bring Your Own Device (BYOD) program provides access to computers within our inquiry based learning environment. It also provides our students with great opportunities for learning at home. As with any new experience there will be a period of adjustment as students get used to having their laptops in the neighbourhoods and parents adjust to their child having a laptop they can bring home.

Communication is the most powerful tool that we have for ensuring that the program is as beneficial as possible to our students' learning. This handbook is designed to help you be aware of the expectations we have for the safe use of the Apple laptops at school and the options you have as parents when considering purchasing a device.

If you have any questions about the program please see your child's teacher.



## Why do we need a BYOD program?

Princes Hill Primary School is committed to providing a curriculum and environment, which challenges students to inquire about the world around them. We believe that inquiry learning increasingly develops students' skills to organise and manage their learning effectively. The use of digital technologies plays a key role in this by allowing our students to develop knowledge, skills and understandings about the responsible use of digital technologies. Students will become confident users of technology for communicating, creating and collaborating through the ownership and responsibility of their own laptop.

At PHPS we believe:

- Children are active, important members of a variety of communities e.g.: family, school, ethnic cultures, multi-media and friendship groups – their understanding of the world develops through these social and cultural interactions
- We learn through active participation, using many forms of expression
- We learn through critical engagement in complex, purposeful contexts where relevant connections are made to our world
- We learn through consciousness of thought where we re-configure pre-existing understandings and concepts
- We develop motives to learn through positioning ourselves within social situations
- We learn through the unity of emotions and intellect

Meaningful and purposeful use of digital technologies is an important element in our philosophy and supports building digitally literate students who can use technology safely to communicate, create and collaborate.

## Why is it important for learning?

Students' use of MacBooks for learning opportunities will be embedded across the curriculum. Tools, together with appropriate techniques and functions will support students in developing thinking processes, modelling systems, problem solving and communicating for a variety of purposes. Students will learn to express their learning through creative and personal forms and to create and maintain digital evidence of their learning in all domains as well as understanding how digital technologies function to assist them in making decisions about technology use as digitally literate students.

Students will be required to conform to accepted codes of practice when using digital technologies and to discuss the consequences of its use in a range of environments and contexts in the community. Students learn to demonstrate and discuss appropriate ethical and social behaviours for users of digital technologies.

Other areas of learning such as literacy, numeracy, handwriting and spelling will continue to be delivered through a range of learning media. Writing directly onto the laptop has many benefits, however teachers are aware of the need for balance and will continue to negotiate this in the context of learning.

## What device are families asked to supply?

Students in Years three to six are asked to bring a fully charged Apple laptop (currently Macbook Air or Macbook Pro) in order to enable every senior school student to have access to an individual device whenever it is needed.

## Does the school offer financial assistance?

There are options available to support families of senior school students with financial difficulties. Families are encouraged to contact the Principal to discuss these options.

## Can I bring a different device?

Though it is not preferred, due to the additional support time and costs to the school. Students are able to bring a similar device, laptop or tablet, of their choice. Please note however that the only support offered to these devices is connecting to our WiFi. Our technicians are unable to install software, troubleshoot problems. The school's wifi filtering and safety measures cover all devices not just Apple macbooks.

## Minimum Specifications for the Apple Laptop BYOD Program

MacOS or IOS (Current version) minimum requirements:

- Hardware listed on Apple's current supported devices list, up to five years old. Refer to <https://support.apple.com/en-au/HT201624>
  - Minimum 4 hour battery life
  - Minimum of 10GB storage
- Hard case for transporting to and from school
  - Headphones

### What software will I get?

A range of software provided by the Department of Education and Training including Microsoft Office and Apple's iLife. The EduStar catalogue of software provides a wide range of programs and application to support learning. More information, including a full list of the EduStar programs can be found here: [http://epotential.education.vic.gov.au/showcase/edustar\\_mac](http://epotential.education.vic.gov.au/showcase/edustar_mac)

No other programs need to be installed on the laptops, however additional programs can be downloaded. We ask that parents remain fully aware of any programs that are installed onto the laptops and supervise children when they are using their laptops at home. Please see your child's teacher if you have any questions or concerns about this.

### What technical support do I get?

The schools' technician is available to assist with technical difficulties and will troubleshoot all school based issues. Software will be installed on all Apple laptops which met the minimum specifications by the school technician. At times it may be required for you to seek further assistance through Apple. Students should follow the school set process for making an appointment with the technician.

### What if I my computer battery goes flat or needs repairing?

Princes Hill primary school has a limited number of shared laptops which students can use when their laptop is unavailable.

### Can we install our own software?

Yes. When your laptop is joined to our management system by our technician it will create a school user account. It is recommend a home account is used at home for non-school use and other accounts are used to install software for home.

### What about insurance?

Parents are responsible for ensuring their child's laptop has appropriate insurance cover.

## Online safety

Online safety and appropriate use of computers forms part of our ICT learning and our student wellbeing programs. Parents are also encouraged to explore these issues with their children. The federal government provides an excellent website to aid this exploration.

<https://esafety.gov.au>

While at school the Internet is filtered using the Department of Education and Training's firewall. We strongly recommend that home internet connections are filtered and protected. Your Internet provider can provide more information about this.

## Securing data

We strongly recommend that parents purchase a USB or external hard drive and regularly save files, photos and videos the students wish to keep. There may be occasions when MacBooks will need to be reimaged and this process will erase all data.

The school is not responsible for data that is lost. Data can never be 100% secure and helping students develop the habit of regularly backing up their data is important.

## More information about non-preferred devices

Families are able to provide other devices outside of the specified BYOD minimum requirements. However, the school is unable to support these devices beyond connecting them to the WiFi. Due to the limited technical support available and the complexity and cost of managing multiple management systems. In some circumstances, obsolete devices or devices with old operating systems may not be able to be added to the WiFi.

Families will be responsible for installing any software (links to DET's free education software will be provided to families) and troubleshooting any technical issues.

## Frequently Asked Questions

### **What software will be installed on my child's laptop?**

Software changes regularly so determining the exact software used in a given school year is not possible. The Department of Education does provide some software through their volume licensing arrangements. This includes Microsoft Office and virus protection software.

### **We have an old apple device which does not comply with PHPS recommendations. Can we upgrade it?**

Generally when a device is older than 4-years the hardware enters a gradual stage of obsolescence and there comes a point where it can no longer run the latest Operating System (OS) software version. Irrespective of age, as long as your device accepts the latest OS available from Apple, it can be used. Once however it can no longer support the latest OS, compatibility issues may arise with the network. If you are unsure whether your Apple device can support the latest OS, PHPS staff can assist.

### **Can we upgrade components within the device to make it compliant?**

Unless you are particularly computer savvy we wouldn't recommend performing hardware upgrades yourself. Instead consult Apple or an authorised reseller for advice on upgrading any hardware with the intent of prolonging the service life of your device. Note PHPS does not have the resources to modify, maintain, repair, fault-find or perform workarounds for devices deemed obsolete.

### **We would like to purchase a new computer for our child to use at school, but can it also be used as our family computer at home, for all the family?**

Yes. PHPS can set up a user account exclusively for your child's use at school. It would then be up to you to set up user accounts for private use.

The PHPS network has strict security protocols to ensure students have access to a safe and secure internet connection. Please be aware these safeguards will not apply at home or on any other internet connection where PHPS is not responsible for user safety and security.

### **Can my child bring an iPad or iPad Pro as her BYOD?**

The Department provides each student with a suite of software for download, however this software is not compatible with iPad. It may be possible to substitute Department software with iPad-specific alternatives but this may be subject to additional cost to the student. There may also be capability gaps and instructional limitations associated with using alternative software. As per Mac, iPads should be capable of running the latest OS to ensure connectivity to school network. Another consideration with iPad should be keyboard and ergonomics. We encourage iPad users to f

**We have a Windows laptop no longer used by my work, can my child bring this to school?**

Windows devices, like Apple are normally compatible with the school network provided the OS is up to date. Department software suite is also compatible with Windows. However, our computer management system only supports Apple therefore Windows devices cannot be remotely monitored. This is necessary for staff remote access to your child's device for purposes of supervision to ensure safety online and on occasion, for remote instruction. PHPS uses Apple-specific applications such as iMovie and GarageBand for media production and other arts purposes. Windows devices cannot access native Apple software so in this case the student will need to use shared devices for this work. There are real limitations on the number of shared devices the school can provide therefore opportunities for using these applications on a shared basis will be limited.

**Can we purchase a Chromebook or other Android device for class use?**

The Department suite of software is not compatible with Android devices, including Chromebooks. It may be possible to substitute Department software with Android-specific alternatives but this may be subject to additional cost to the student. There may also be capability gaps and instructional limitations associated with using alternative software. As per Mac, Android devices should be capable of running the latest OS to ensure connectivity to school network. PHPS uses Apple-specific applications such as iMovie and GarageBand for media production and other arts purposes. Android devices cannot access native Apple software so in this case the student will need to use shared devices for this work. There are real limitations on the number of shared devices the school can provide therefore opportunities for using these applications on a shared basis will be limited.

**Where can I purchase an Apple MacBook Air?**

If purchasing new, we recommend doing so through Apple or one of their local Authorised Resellers. This will ensure warranties are valid and after sales support is available.

If purchasing second hand, we recommend doing so through Apple or one of their local Authorised Resellers that offer Certified Refurbished Macs. We don't recommend buying second hand privately in marketplaces such as eBay or Gumtree unless you know the history of the device (ie it was previously a family member's work computer) or you are computer savvy, particularly with Apple hardware.

**Can I lease an Apple MacBook Air through the school?**

No. PHPS is unable to provide financial services. There are a number of companies online offering leasing arrangements for Apple Macs.

**What about maintenance?**

The PHPS ICT Technician can assist with troubleshooting your child's Apple Mac when technical issues arise. Network connectivity and/or software-related issues are given the highest priority as typically these can be resolved in the classroom. Where hardware or maintenance-related issues present, these will need to be resourced and resolved by families.



**What about insurance?**

PHPS is unable to provide insurance services. If you wish to insure your child's device please make your own arrangements.

**Will I be able to sell my MacBook Air at the end of Grade 6?**

Typically, Apple products retain good resale value given your child's device is in sound physical condition. Before advertising in private marketplaces we encourage parents to engage the school parent community as there is usually someone in the market for a second hand Mac.

**If my workplace happens to be retiring old Apple hardware can PHPS accept physical donations?**

Yes. Donations of functioning Apple hardware are very welcome. If you have at your disposal hardware you consider might be of worth to our school, or know someone who does please contact the school Bradby to start a conversation.

**Will my child be disadvantaged if they bring a non-Apple device, or no device at all?**

PHPS classroom projects are most often collaborative. At the bare minimum, provided one student in a given group has access to computer hardware, the other students in the group gain essential exposure to the content and methods involved. This said, it is always preferable for students to actively participate through individual interactions with computer hardware as the most effective means to consolidate learning. Furthermore, students with device ownership will have access to their work outside of school to further underpin understanding of the subject and improve their computing skills all the while. Use of non-Apple devices that otherwise comply with the school's basic hardware specification will have negligible impact on your child's uptake of the curriculum. Specific considerations as follows: PHPS uses Apple-specific applications such as iMovie and GarageBand for media production and other arts purposes. Non-Apple devices such as Android and Windows cannot access native Apple software so in this case the student will need to use shared devices for this work. There are real limitations on the number of shared devices the school can provide therefore opportunities for using these applications on a shared basis will be limited. Non-Apple devices may well provide most of the required functions, however staff knowledge and resources may limit the depth of support available for a bespoke hardware model. For this reason a uniform hardware model is advantageous; essentially it is less onerous on staff and allows them to focus primarily on curriculum delivery.

**Will school laptops still be available?**

Yes. PHPS operates a number of shared laptops within each neighborhood. These will continue to be used across the school in addition to the BYOD program.

**Is hardship support available?**

Yes. If you are having trouble finding a way to acquire a suitable device for your child, please come and talk to us at the office.

**We have 3 children at PHPS, is it expected that all 3 of them have their own device?**

While it is preferable for each child to have their own device, we understand this may not be possible in all cases. School provided laptops will remain an option for those students without a BYOD device.

**Our child is in Grade 2, is there any benefit by bringing their own device?**

We do not require your child to bring a device to school until Grade 3. If your the neighbourhood teachers welcome it though your child can bring a laptop or tablet.

**How does the school manage Apple BYOD devices?**

We use a program called JAMF to manage student and school owned Apple devices. This system enables to remotely manage devices, such as, setting up wifi, installing applications and managing other system settings/

**How do I register an Apple BYOD device?**

You can self-enroll JAMF from home. The instructions are included on the following pages. Once the device is registered with JAMF, it should connect to the school's wifi and the PHPS App Store will be available to install school applications.

**How do I register a non-Apple BYOD device?**

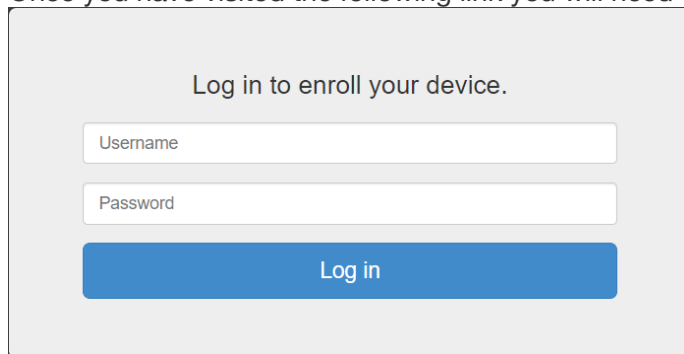
Non-Apple BYOD devices need to be setup manually for the wifi by our computer technician. Currently our technician works one day a week.

# Enroll Macbook to Jamf

To Enroll BYOD Macbooks to Jamf

1. Visit the following link  
<https://jss.phps.vic.edu.au:8443/enroll/>

2. Once you have visited the following link you will need to sign in with your School Login



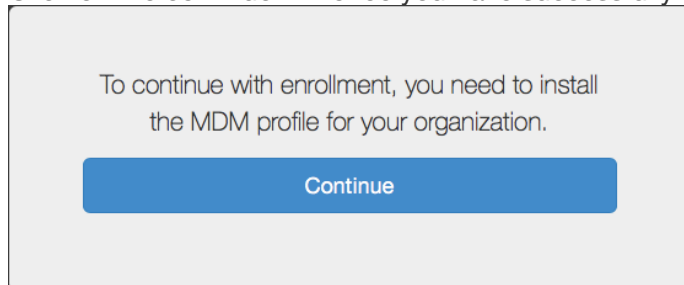
Log in to enroll your device.

Username

Password

Log in

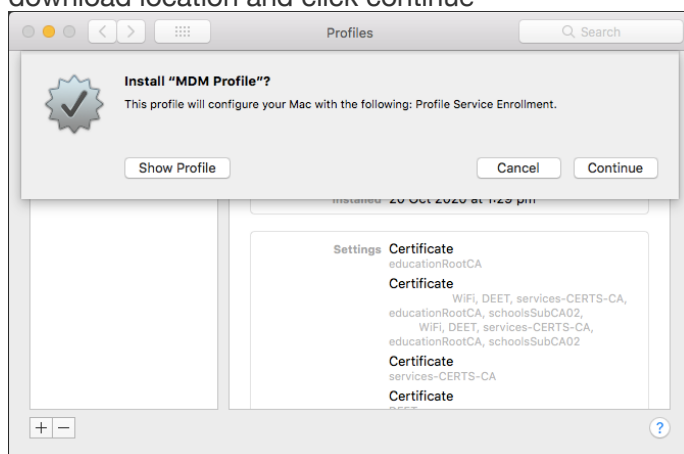
3. Click on the continue link once you have successfully signed in



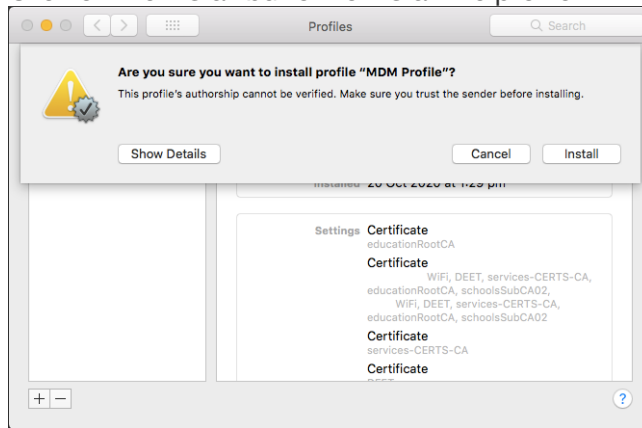
To continue with enrollment, you need to install the MDM profile for your organization.

Continue

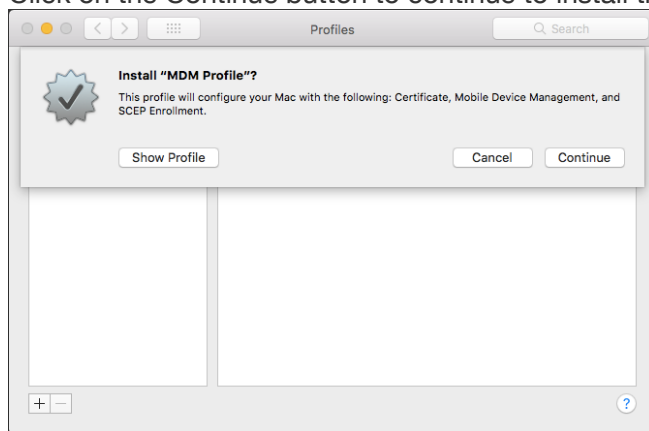
4. Once the MDM Profile has been downloaded, if the profile doesn't automatically open, open it from the download location and click continue



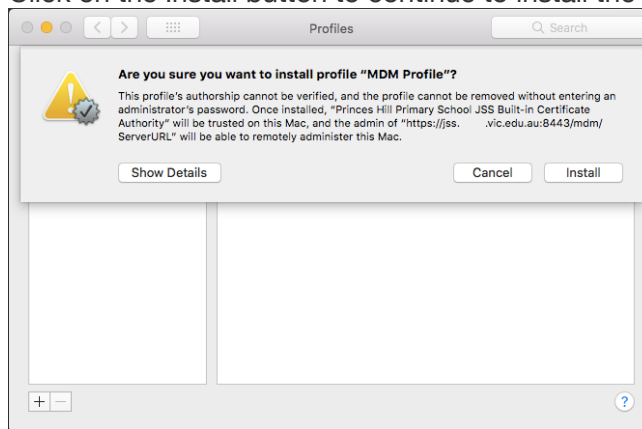
- Click on the Install button to install the profile



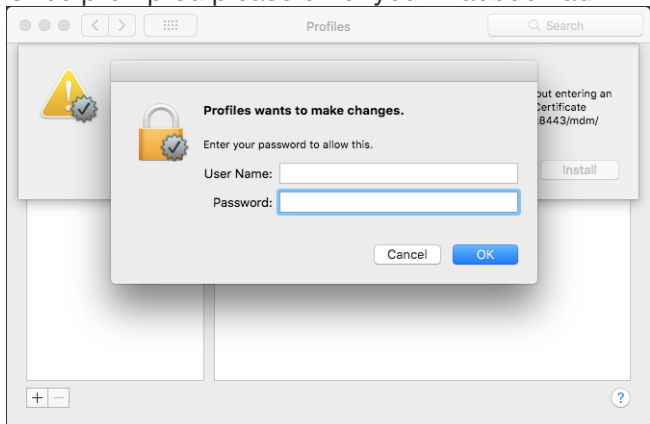
- Click on the Continue button to continue to install the profile



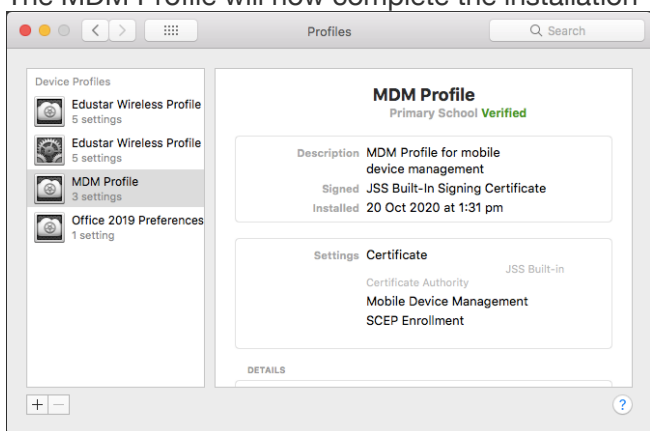
- Click on the Install button to continue to install the profile



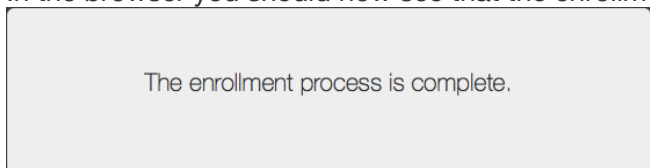
8. Once prompted please enter your Macbook admin login



9. The MDM Profile will now complete the installation



10. In the browser you should now see that the enrollment process is complete



11. The PHPS App Store will now be installed, once installed if the Store does not automatically open, open it from the Launchpad. To install the school WiFi click on **system tools** and click install on **eduSTAR WiFi**, from here you can also install the School Apps, click on **PHPS Apps** to access the school provided apps. Under the **Bookmarks** section will be websites that are bookmarked by the school.

