BYOD
Handbook (2024)

Mirani State High School

Queensland Government

Introduction

In order to inspire excellence in diverse and creative learners, Mirani SHS continues to strive towards relevant engaging learning environments and experiences that meet the needs of our students in the 21st Century. As part of this shift in teaching and learning experiences to meet these needs, teachers pursue an increased focus on:

- Project-based learning;

- Student-driven, negotiated and regulated learning;

- Authentic inquiry-based learning;

- Flexible and differentiated grouping of students;

- Increased scope for choice in assessment modes; and

- Greater participation in collaborative problem-solving and learning networks.

As a result, a personal ICT device as a key enabler for these learning experiences has never been more vital. Achieving a 1:1 ratio of student to devices when required will deliver much greater capacity and consistency in the delivery and shift towards this contemporary learning environment.

In order to facilitate this goal of 1:1 – and in keeping with global, national and state trends – Mirani SHS will continue with our BYOD program. All students in the BYOD program will need to have returned a signed Charter Agreement before they will be granted access.

What is BYOD?

Bring Your Own Device (BYOD) is a term used to describe a digital device ownership model where students and/or staff use their privately-owned devices to access the departmental networks and information management systems in an educational setting.

Benefits of BYOD

- A solution to maintain a 1-to-1 model for our students, providing them with access to technology 24/7

- Greater capacity to participate and deliver inquiry / project based learning with greater student choice and differentiation

- Students are comfortable and confident using a device they are familiar with

- Students wanting to personalise their device to suit their own learning

- Creating a diverse community of devices helping to enhance awareness of emerging technologies

- Exposing staff to a wide range of platforms which further develops ICT capabilities

- Promoting reciprocal learning between staff and students in a contemporary learning environment

Device Minimum Specifications

Year 7, 8 and 9:

These years do not require the use of specialty software and students may bring any Windows Laptop or MacBook, so long as it fits the requirements. The devices that the students bring will need to have a battery life of at least 6 hours of continuous use. Students will not be permitted to bring power cords to school as they are considered a trip hazard.

iPad, Chromebook or Android devices will not be accepted as BYOD devices as they are in some ways incompatible and are not supported on the Mirani SHS network.

Students will need local admin access to the machine for the initial on-boarding (connecting). They will also need any software that has been installed to limit their access turned off/removed for the connection to be successful.

Year 10, 11 and 12:

The type of device needed will depend on the subjects studied. Students enrolled in Senior Graphics, Senior ICT, Senior Media or Senior Film & TV subjects are recommended to purchase a device with a dedicated video card.

Device type: Windows Laptop or MacBook.

Platform: PC/Mac

Screen size: 10 inches or more is preferred

Processor: Intel i5 or higher is preferable. Others are acceptable, so long as they can support a 6-hour battery life at highest performance (not eco-friendly) and the student is able to use it effectively

Graphics: Dedicated graphics card is recommended if running Autodesk, Adobe packages or Unity3D

RAM: 8GB or higher

Hard drive: 256GB or higher

Operating system: Windows 10 or higher, Mac OSX 10.12 (best fit)

Needs Wireless Capability (Wi-Fi 802.11n / ac or better (5Ghz radio band))

Ports: At least one USB port, audio in/out, VGA or HDMI

Battery life: 6+ hours (usable time). No cords will be allowed at school

iPad, Chromebook or Android devices will not be accepted as BYOD devices as they are in some ways incompatible and are not supported on the Mirani SHS network.

Students will need local admin access to the machine for the initial on-boarding (connecting). They will also need any software that has been installed to limit their access turned off/removed for the connection to be successful. Once the initial on-boarding is complete the student is able to be restricted without them losing access to the network.

Purchasing Your BYO Device

There are a number of options available for parents to choose from:

1. Parents can purchase from their preferred supplier. All warranty and service issues will be the parents' responsibility;

2. Parents can purchase through one of our supplier portals. Vendors have provided portals for online purchasing, which include 3-year onsite warranty repairs at Mirani SHS. Parents will need to follow the vendor process to log a warranty claim;

3. Parents wishing to purchase an Apple product should visit the Apple Education Portal through the below link. Warranty claims are handled by the AppleCare Support team. Parents are responsible for warranty and servicing.

Vendor Portals

To purchase a laptop via one of the vendor portals, please visit the school website for latest information

http://miranishs.eq.edu.au/curriculum/bring-your-own-device

Important Note: Although Mirani State High School has provided links to BYOD Providers on the school website, the school is not in a position to instruct parents on their choice of device.

Connecting to BYOD Network

To connect to the BYOD network, parent/care givers will need to sign the **'*Bring your own device' User Charter***. This forms needs to be returned to the IT staff to have your device connected. This form can be found on the school's website or picked up from A Block IT Room.

Please read the **Intune Installation Guide** for instructions on how to connect your device to the schools Wi-Fi Network. You can completed this guide at home and the instructions can be found on the schools website.

http://miranishs.eq.edu.au/curriculum/bring-your-own-device

Printing

Students will be able to connect their approved BYOD device via their web browser to access printers.

School Technical Support

If problems occur, students will be advised to see the school's IT staff who will attempt to diagnose the fault. If the problem is not able to be resolved by staff, they will recommend a course of action for repair (e.g. warranty claim, insurance claim etc.)

Repairs and Maintenance

All maintenance for the IT device, operating system, software and/or apps purchased by the family are the responsibility of the family.

If you have purchased a laptop through the vendor portal and it needs to be repaired, the school will allow the laptop to be left in the IT room for the vendor to complete repairs.

The security of the device is the student's responsibility. Some lockers are available to hire from the P&C through the tuck-shop.

Software and Applications

Installation and maintenance of personal software and applications are the responsibility of the family. Genuine versions of software need to be installed to ensure updates. Some subjects require the use of subject-specific software, all of which have different licensing arrangements for private purchase.

Where student licences are available for software, the school's technicians will install software on personal devices. School-owned software may only be installed on school-owned devices.

Microsoft Office 365

You DO NOT need to purchase Microsoft Office!

All state school students from Prep to Year 12 can now download multiple free copies of the Microsoft Office 2016 Suite to their personal home and mobile computer equipment. Please consult the **MSHS - Microsoft-Office-Install** documentation on the school's website for steps on how to install.

Autodesk

Students doing graphics can access the Autodesk suite for free. This can be downloaded from the Autodesk website. http://www.autodesk.com/education/free-software/all. Students will need to create an account using their personal school email address (e.g. jsmith2@eq.edu.au)

Adobe Software

Adobe Creative Cloud software is available to all students. Please see IT staff to have this installed.

Backing up

Students are responsible for backing up their school work. Files can be backed up onto a USB hard drive or student's home directory on the school's server. All assessment MUST be saved to two places if not on the school's server.

Warranty / Accidental Damage

We highly recommend that families have extended warranty with Accidental Damage Protection insurance. Laptops are expensive devices and can be damaged easily. Some home insurance policies may cover damage outside of the home, please check your policy to see if you are covered.