What is BYOD

BYOD stands for Bring Your Own Device and is a sustainable pathway Marsden SHS is utilising to support the delivery of 21st century learning. It is a pathway where student owned devices gain access to our school network, school resources and filtered internet access.

Marsden SHS's BYOD Vision

By students bringing their own devices (BYOD) to school, they will broaden their 21st century skills and become productive users of technology, aiding them to become lifelong learners and global digital citizens. Our vision at Marsden SHS is to teach these skills within a 'blended learning' classroom environment. Technological skills are essential and our BYOD pathway will enable students to bridge the gap between school and any future career pathway. The BYOD pathway also provides a seamless transition of student learning from school to home and allows for better accessibility to teacher support and guidance. By expanding on students' digital capabilities at school, it allows students to be prepared and efficient in a technological world, giving them the opportunity to 'create better futures.'

Why expand student digital capabilities?

Computers have been in classrooms for many years and over the past ten years the use of computers and Information Communication Technologies (ICT) has grown in their application within and outside the classroom. Research indicates that education should respond to new ways of using technology. Marsden SHS firmly believes that students who utilise a device, accompanied by great teaching practice in a blended environment, can increase engagement and educational outcomes. Further research states that a student's use of digital technology is associated with learning gains in the classroom and is integral to learners' lives and further education. By using a device regularly, students are developing 21st century skill sets within digital technologies, which are skills highly sort after in employment opportunities.

Responsibilities of stakeholders involved in the BYOD program:

School
- BYOD program induction — including information on (but not responsible for) connection, care of device at school, workplace health and safety, appropriate digital citizenship and cybersafety
- network connection at school
- internet filtering (when connected via the school's computer network)
- some school-supplied software e.g. Adobe, Microsoft Office 365 …
- printing facilities
- school representative signing of BYOD Charter Agreement.
- Management of online Learning courses QLearn, Teams

Student
- participation in BYOD program induction
- acknowledgement that core purpose of device at school is for educational purposes
- care of device
- appropriate digital citizenship and online safety (for more details, see ACMA CyberSmart)

- security and password protection — password must be difficult enough so as not to be guessed by other users and is to be kept private by the student and not divulged to other individuals.
- maintaining a current back-up of data
- charging of device
- abiding by intellectual property and copyright laws (including software/media piracy)
- internet filtering (when not connected to the school's network)
- ensuring personal login account will not be shared with another student, and device will not be shared with another student for any reason
- Engage in learning though the use of QLearn.
- understanding and abiding by the ICT Acceptable Use Policy

Parents and caregivers
- acknowledgement that core purpose of device at school is for educational purposes
- internet filtering (when not connected to the school's network)
- encourage and support appropriate digital citizenship and cybersafety with students (for more details, see ACMA CyberSmart)
- required software, including sufficient anti-virus software
- protective backpack or case for the device
- adequate warranty and insurance of the device
- Engage in students learning needs though QParents
- understanding and signing the ICT Acceptable Use Policy

Specifications

Specification	Minimum Required	Recommended	Performance
Screen Size	10 Inch	12-14 Inch	13-16 Inch
Processor	Intel Pentium or AMD Athlon	Intel i3 or AMD Ryzen 3	Intel i5 or AMD Ryzen 5
Hard drive	128GB SSD (Solid State Drive)	256GB SSD (Solid State Drive)	512GB SSD (Solid State Drive)
RAM	8GB	16GB	16GB
Operating system	Windows 10	Windows 10	Windows 10

Please note: all devices must be ***dual band wireless capable***

Android and Chromebook devices are not compatible with school network.

IPads and Tablet Devices are not compatible with Autodesk Suite and have limited available Adobe Applications

The Performance tier is a guideline for students who will be participating in subjects that use applications that require more processing power. Applications such as Adobe: Photoshop, Illustrator, InDesign, and Autodesk: Inventor, Revit, will benefit greatly from a computer meeting or exceeding the specifications in the performance tier.

Be Aware of "Bargain" Laptops / Second Hand Laptops
Some cheaper laptops that don't meet the minimum specifications, have slow processing power, short battery life and connectivity problems with below specification devices. Please avoid. If you are buying a second hand device please ensure that:
1. It meets the minimum specifications
2. Device can connect to a 5GHz network (802.11ac, WiFi 6, or better)
3. The battery life will last a minimum of a school day (replacement batteries can usually be purchased online).

Warranty and Insurance - Damaged Laptops
Families are responsible for device repairs under warranty or through insurance policies. Accidental Damage Protection (ADP) insurance should be a priority when purchasing devices as devices do get broken. Purchasing a protective sleeve/carry case is recommended to help to protect the laptop from accidental damage like drops. It is expected that students will use a sleeve/case and keep their laptop in their school bag, which is designed to hold a laptop, when moving around the school.

Anti-Virus Protection
All BYOD laptops **must** have up to date antivirus software installed. Laptops using Windows 10 are already equipped with Windows Defender and this needs to be enabled. Do not leave expired trial versions of antivirus software on a laptop (please uninstall).

Microsoft Office Software
Every state school student across Queensland can download and install multiple copies of the Microsoft Office 2016 Professional Plus Suite to their personal home computers and mobile devices for free. (http://portal.office.com/ols/mysoftware.aspx)

Microsoft OneDrive cloud storage
Students will have access to save their school related documents online via a DoE managed OneDrive which can be accessed at school, home, or at a 3rd party site (e.g. local library) with an active internet connection. BYOD students can also create a sync folder using OneDrive for Business. Connection details are available through our IT Team.

Adobe Software Suite
The BYOD program at Marsden SHS also enables students to install Adobe Creative Cloud Suite (Design and Web version) on their own laptop device.
Installation details are available through our IT Team.

Charging Devices
Students are expected to bring a fully charged device to school each day. The school will **not** have spare chargers available for use.

Access To The Network / Printing
Students can get access to our network printing solution (Mobility Print - PaperCut) though the student SharePoint.

Students can access the filtered school internet by connecting their device via the BYOD onboarding process using the guide available on the student SharePoint

https://qedu.sharepoint.com/sites/2176/Students

Administrator Account
All students are required to have Administrative Access to their BYO Device to allow connection and installation of school resources. Administrator rights can be turned off for the student account after the initial connection to the school network.

Laptop Language
Our IT support team can only diagnose first level support for laptop issues when the default language is English on the laptop. When accessing support please ensure that the language has been reset to English.

Mobile Data Networks (3G and 4G)
Mobile networks can provide students with an unfiltered network within the school grounds. Parents/caregivers are to ensure these are disabled before arrival at school, as the school cannot take responsibility for content accessed through mobile networks. Students found to be inappropriately using or providing access to a mobile network will be addressed through the school's Responsible Behaviour Plan.

Laptop Backup
Technology devices can fail, get lost or stolen. It is extremely important that students backup their important files to an external device such as a USB Memory Stick, External Hard Drive, or to the departmental OneDrive. Non-Departmental cloud storage (e.g. Google Drive) is not accessible at school.

Content on Laptops
The Parent/Guardian must ensure that all content on the BYOD laptop is licensed, legally obtained and meets the guidelines outlined in the school's ICT Policy and Responsible Behaviour Plan (these documents can be found on the school website). The school reserves the right to audit BYOD laptops and notify parents to remove content that has not been legally obtained or does not meet the school's ICT Policy or Responsible Behaviour Plan.

Device Monitoring
When connected to the school's network, all data transmissions sent and received are monitored and logged by the Department of Education. This includes, but is not limited to; network traffic, Internet history, and email transmissions.

School Software
Some subjects require the use of specific software, all of which have different licencing arrangements. Where required, the school may assist in the installation of subject specific software. Specialist software loaded by the school must not be copied or transferred, for any reason without prior written consent from the school. Unauthorised use may breach copyright laws and the Parent/Guardian may be held liable for any damages incurred.

The full ICT Acceptable Use Policy and BYOD information is available on the school website.

For any further information IT Support can be contacted via email:
byod@marsdenshs.eq.edu.au