Loganlea SHS BYODx Programme

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What to do:

1. Read this document and use the QR code to access additional resources located on our school website.
2. Hand in the signed BYODx form to the school administration office.

BYODx overview

Bring Your Own 'x' (BYODx) is a pathway supporting the delivery of 21st century learning. It is a term used to describe a digital device ownership model where students or staff use their personally-owned mobile devices to access the department's information and communication (ICT) network.

These mobile devices include both laptops and tablet devices. Access to the department's ICT network is provided only if the mobile device meets the department's security requirements which, at a minimum, requires that anti-virus software has been installed, is running and is kept updated on the device Advice for State Schools on Acceptable use of ICT Facilities and Devices (see separate document for minimum device specifications).

Students and staff are responsible for the security, integrity, insurance and maintenance of their personal mobile devices and their private network accounts.

The BYODx acronym used by the department refers to the teaching and learning environment in Queensland state schools where personally-owned mobile devices are used. The 'x' in BYODx represents more than a personally-owned mobile device; it also includes software, applications, connectivity or carriage service.

The department has carried out extensive BYODx research within Queensland state schools. The research built on and acknowledged the distance travelled in implementing 1-to-1 computer to student ratio classes across the state, and other major technology rollouts.

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At Loganlea SHS, our pedagogy is founded on the **A**chievement **V**ia **I**ndividual **D**etermination model, where we explicitly teach the fundamentals of **W**riting **I**nquiry **C**ollaboration **O**rganisation and **R**eading skills. Fluency in use of information and communication technologies (ICTs) is key to WICOR and deepens our pedagogy and learning experiences. As a learning community, we recognise and embrace the importance and capacity of technology to transform teaching and learning in our school. At Loganlea State High School, we incorporate technology to enhance our thought; develop technological efficacy; strengthen our organisation and collaboration skills; differentiate for students who need support or challenge; engage our students and support our ability to inquire.

Technology innovates the processes and procedures we have in place for WICOR. BYODx values learning and teaching time, promotes flexible and fluid learning experiences and develops fluency in device use. BYODx facilitates immediate and personalised access to content and provides a medium for individualised processing of information as well as collaboration. Technology maintains cohesion in learning across multiple environments such as school, home and off-campus learning. We will encourage the use of technology as a medium to deepen our pedagogy and learning experiences for every student.

Specifications of BYODx Device

Loganlea SHS recommends that all devices used by students
meet the minimum specifications below to enable suitability for curriculum-based activities. The minimum specifications provided reflect the requirements for connection to the BYODx Gateway.

Device Selection

There is a huge selection when shopping for computers. Consideration should be given to the following list. The school provides a purchase option through The School Locker. Suitable devices which adhere to the school's specifications are given on the Loganlea State High School Portal, however other options are available for devices.

- **Screen size:** As this is a tool used in the classroom, it is impractical to have a screen that is too small. Be aware that touchscreen devices all offer an on screen keyboard but this can potentially stifle the learning process by not offering enough screen space to 'think'. Minimum screen size of 9 inches is required.

- **Keyboard:** Some students prefer the improved posture and typing experience that an attached or external keyboard can offer. With the more recent trend of touchscreen devices, manufacturers are offering the user more choice than just onscreen keyboards. Keyboards can now connect via Bluetooth or can even optionally attach or detach from the device. For this reason a keyboard is recommended.

- **Portability:** The physical dimensions of the device is an important consideration as your son/daughter will need to carry the device from home to school and then from class to class during the day.

- **Battery Life/CPU:** Quite a few factors influence battery life. The type of processor (CPU) that the device runs tends to be a good indicator. The race is on at present between computer chip manufacturers to deliver chips that deliver great results with very low power output. Optimise battery life through not using it outside of class and minimising the screen brightness.

- **Connectivity:** Students will connect to the LSHS network via Wi-Fi. Access to the internet outside this is achieved via your home Wi-Fi network.

- **Storage:** In the past, laptop/pc storage relied on hard drives that used a lot of energy utilising spinning disk. The newer technology solid state drives (SSD) allow for extremely fast boot up times but at present, the size of these drives are limited and expensive. Therefore, it is recommended students purchase a 16 Gb USB for additional storage.

  Other Considerations
  - **Padded Carry Case:** The school recommends a separate case to the standard school bag. These are available for purchase at The School Locker.
  - **Backup Solution:** This could be as simple as an external hard drive for some devices.
  - **Virus Protection:** A fact of life unfortunately. Even Apple Macs are not immune to getting viruses. You will be responsible for virus protection.

- **Extended Warranty:** Many manufacturers offer an extended warranty for up to three years after the date of purchase to protect against hardware failures/defects.
- **Laptop Insurance:** Used to protect against theft, accidental damage (dropped, liquid spills, falling off the roof of moving vehicles, etc.) The school highly recommends that you review your Home and Contents Insurance policy. Other insurance options are available when purchasing the device with companies including The School Locker.
- **School Lunchtime Storage:** Loganlea SHS will provide student lockers that can be used during school breaks.

Students Year 7 - 12

Laptop Hardware Requirements

Recommended Requirements	
Processor	Intel Core i5
Memory (RAM)	8GB
Battery	**10+hrs**
Screen Size	12"-15."
Resolution	1920 x 1080 FHD
Hard Drive	256GB
Network	Wifi 6 (5Ghz 802.11ax)
Operating System*	Windows 10 or 11 Home/Pro
Minimum Requirements	
Processor	Intel Core i3 (2018+ / 8th Gen+) or latest Pentium
Memory (RAM)	4GB (not recommended for new devices – recommend upgrade to 8GB)
Battery	**10+hrs**
Screen Size	10"+
Resolution	1280 x 1024
Hard Drive	128GB
Network	Wifi 5 (5Ghz 802.11ac)
Operating System*	Windows 10 or 11 Home/Pro, Mac/iOS (not recommended - high technical skill required)

- If minimum specifications are not met, the laptop cannot connect to the school network.

iPad Hardware Requirements:

Recommended requirements	
iPad 8th Generation or newer	
Large screen	Larger than 10"
Padded carry case	
Pencil facility	
External keyboard	
Device insurance	iPads are fragile and frequently screens break
Antivirus software required	

Unsupported Devices – cannot be onboarded at Loganlea SHS	• Limited support for Apple Mac • Google Chrome Books are not compatible with the school network • Android is currently not compatible with the network • Linux is not compatible with the network

Device care

The student is responsible for taking care of and securing the device and accessories in accordance with school policy and guidelines. **Responsibility for loss or damage of a device at home, in transit or at school belongs to the student.** Advice should be sought regarding inclusion in home and contents insurance policy.

It is advised that **accidental damage and warranty policies** are discussed at point of purchase to minimise financial impact and disruption to learning should a device not be operational.

General precautions

- Food or drink should never be placed near the device.
- Plugs, cords and cables should be inserted and removed carefully.
- Devices should be carried within their protective case where appropriate.
- Carrying devices with the screen open should be avoided.
- Ensure the battery is fully charged each day.
- Turn the device off before placing it in its bag.

This video link shows students explaining the benefits of BYODx.

Guidance for parents and carers

As your children increasingly make use of devices that access internet at home, it is important to consider online safety issues and gaming.

The links below are a starting point for you as you navigate managing the home environment with digital devices.

https://www.esafety.gov.au/parents/issues-and-advice/parental-controls

https://raisingchildren.net.au/teens/entertainment-technology/screen-time-healthy-screen-use/managing-screen-time-teens

Parents, caregivers and students are encouraged to read the department's Cybersafety and Cyberbullying guide for parents and caregivers.

Online Safety in Queensland State Schools (PDF, 3.8MB)

https://www.qld.gov.au/education/schools/health/cybersafety

BYODx Responsible use agreement

The following is to be read and completed by both the STUDENT and PARENT/CAREGIVER:

- I have read and understood the BYODx Charter and the school Code of Conduct
- I agree to abide by the guidelines outlined by both documents.
- I am aware that non-compliance or irresponsible behaviour, as per the intent of the BYODx Charter and the Code of Coduct, will result in consequences relative to the behaviour.
- I agree to complete a Cyber Safety Certificate.
- I am aware that my School Fees need to be paid or be on an approved Payment Plan to be able to participate.

Student's name: ....… **Year:** .... **ID No** ......………..……......
(Please print)

Student's signature: ......………...…………….....................................Date: / /

Parent's/caregiver's name:...............….............………………..................
(Please print)