



Tech2Learn

Nambour State College
P-12 Bring Your Own Device

Reference guide and
Minimum Specifications



Tech2Learn BYO Program overview

Bring Your Own (BYOx) is a new 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 devices to access the department's information and communication (ICT) network.

Access to the department's ICT network is provided if the child's personally owned device meets the departments minimum operating system and security requirements.

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

The BYOx acronym used by the department refers to the teaching and learning environment in Queensland state schools where personally-owned devices are used. The 'x' in BYOx refers to a device of the students' own choice, whether that be a Windows laptop or tablet, or an Apple Laptop or iPad.

We have chosen to support the implementation of a BYOx model because:

- ☀️ Enables the delivery of ICT as an Australian Curriculum general capability.
- ☀️ Fulfil the Education Queensland Core ICT expectations.
- ☀️ Promote student learning outside the classroom,
- ☀️ Investigative learning in new and emerging technologies
- ☀️ Preparing students for an information technology driven world and so much more.

Nambour State College's Tech2Learn BYO program allows students to have the necessary and required technology where and when they need it, using a device which is familiar, suiting their learning style and capabilities.

Any device connected to the Internet through Nambour State College's Wireless Network will be subject to Education Queensland's Statewide Departmental web filtering and monitoring. **a** filtering: i.e. if you have a laptop at school, it should only be connected to the college WIFI. BYOx devices can be Apple Laptop, iPad or Windows Laptops/Tablet devices that are wireless capable (5Ghz).

The College BYOx Device Program supports printing, filtered internet access, and file access & storage through the department's network while at school. Students are responsible for the backup of their data. Students have access to Microsoft OneDrive through their EQ Email Address to facilitate this. It is up to the classroom teacher how these devices are used.

For more information about the Bring Your Own Device (BYOx) Device Program contact **Andrew Stewart, IT Manager** at it@namboursc.eq.edu.au



Principal

Chris Shevelling

IT Manager

Andrew Stewart

Choosing a BYO Device

Before acquiring a device to use at school the parent or caregiver and student should be aware of the school's specification of appropriate device type, operating system requirements and software. These specifications relate to the suitability of the device to enabling class activities, meeting student needs, and promoting safe and secure access to the department's network.

BYO Minimum Device Specification

Device Type	Microsoft Windows Laptop Apple MacOS Laptop Apple iPad (Only device supported in Primary Campus) Not Supported: Chromebooks, Android tablets
Screen Size	Laptop - 12" screen or larger (measuring diagonally) iPad - 10.1" screen or larger (not iPad Mini)
Processor	Intel i3 12 th Generation or newer/AMD Ryzen 3 5000 or newer or Intel i5 13 th Generation or newer/AMD Ryzen 5 5000 or newer for students studying Film/TV/Media/Graphics* with a dedicated nVidia or Radeon graphics card Apple MacBook/Air/Pro - M series-based chip preferred due to age. Apple iPad - Must have iOS26 with latest security updates. Limited Support: ARM Qualcomm Snapdragon X processors - found in Microsoft CoPilot+ PC's Not Supported: Chromebooks, Android Devices
RAM	8 GB or higher (16GB Recommended for higher secondary and students interested in CAD or Film/TV/Media)
Hard Drive	256 GB SSD or higher (512 Recommended for Film/TV/Media students)
Operating System	Windows laptop - Windows 11 MacOS Laptop - MacOS 12 Big Sur or newer iPad - iPadOS 16 or newer Not supported- Linux, Android, Windows 10 or earlier Chrome OS
Features	Keyboard, headphone port, in-built microphone, webcam iPads - a keyboard case/cover is highly recommended as this will significantly improve the classroom typing experience.
Battery Life	Minimum of 6 hours +. Please note that it is school policy that devices are fully charged at the beginning of the school day.

Selecting a device is a balance between cost, functionality, weight, and performance. Decide on which considerations are most important to your student and then look for key features to best suit their needs.

*students studying Graphics/CAD based subjects require a Windows based machine due to software limitations

Considerations	Features to look for
Performance <p>Students who are working technically (coding, Graphic or CAD software) or creatively (video editing, illustrating and drawing) will want a device with high performance features.</p>	<ul style="list-style-type: none"> ☀ Power and speed: 16GB RAM or higher and i5 core processor or equivalent and higher ☀ Older devices will have a shorter battery life and slower for complex tasks
Functionality <p>Technology rich tasks will require students to use multiple inputs such as audio recordings, videoing, and data logging.</p>	<ul style="list-style-type: none"> ☀ Inbuilt microphone ☀ Front facing in-built camera. ☀ USB port and display port.
Portability <p>Consider the portability of the device if your student: Uses public transport. Walks long distances</p>	<ul style="list-style-type: none"> ☀ Aim for a lower weight device (around 1.6kg).
Durability <p>Accidents happen! Know if your student will likely require a more durable machine.</p>	<ul style="list-style-type: none"> ☀ Consider an extended warranty and insurance with follow up support. ☀ Solid state hard drives ☀ Robust casing and spill-proof keyboards ☀ Ruggedized laptops ☀ Shockproof case

Other BYOD related equipment

☀ Headphones with microphone - any headphone that connects with an inbuilt microphone is suitable. Consider cost and student preference.

☀ Laptop Case/Sleeve to protect the device. Rigid cases are preferred over soft neoprene/wetsuit material cases as the rigid case provides significantly more protection for the device.











The school's BYOx Device program supports printing, filtered internet access, and file access and storage through the department's network while at school. However, the college BYOx Device program does not support additional school technical support or charging of devices at school.

Nambour State College Tech2Learn Student BYOx Charter Agreement 2024

Information and Communication Technologies (ICT) includes computers, handheld devices (electronic devices, smartphones, tablets), printers, digital cameras, internet and email facilities, and other associated electronic and mechanical hardware and software. I understand that the use of ICT resources at Brisbane South State Secondary College is a privilege, which involves the acceptance of certain responsibilities.

I understand and agree to the following:

In using ICT resources appropriate for all learning tasks, I am not permitted to:

-  access, copy or distribute any material that is controversial, inappropriate, obscene or offensive;
-  download, install or transfer any software or material that violates copyright, intellectual property or licensing laws;
-  send, transfer or create computer viruses;
-  access the control panel, system configuration, or make any changes to settings, passwords other than my own on school owned devices;
-  directly or indirectly access drives other than those allocated to me;
-  seek access to files or messages intended for, or belonging to, others directly, or indirectly, move, delete or modify any files (other than those in my personal drive);
-  be involved with electronic or physical vandalism, harassment or bullying
-  capture, manipulate or transmit photos of members of staff or students without their prior approval;
-  use any login other than my own;
-  circumvent any security measures on DoE infrastructure

The College, parents and officials have the right to access and inspect the contents of student files and emails at any time. Random audits of student files will be carried out regularly by IT Network Administrators. Students found to be violating this policy or any law will receive the appropriate consequences and may include referral to appropriate authorities.

I accept that breaching this agreement will result in me losing access to ICT resources temporarily or permanently, depending on the seriousness of the offence. For serious matters, disciplinary action by the Executive team will be taken. I will need to re-negotiate how I use ICTs at school, after my penalty has been served.

Acknowledgement

By connecting to Nambour State College's Networks, you and your child/children are agreeing to the information and policies, both within this document and referenced in this document. Any breaches will be followed in accordance with Nambour State College and Education Queensland processes and policies.

For the full charter, please refer to our website which comprehensively covers all aspects of our Tech2Learn BYO program.