Aspley State High School

Aspley SHS has a 1:1 laptop program that runs from years 10 to 12. This booklet has been developed as a guide for parents and students to assist them in making decisions about which option is best for their situation.

We have a long tradition of using modern technology for the delivery of teaching and learning programs. Computing technology is a tool that enhances pedagogy, facilitates the creation and sharing of knowledge, and enables differentiation in learning. Our teachers use information communication technologies in the classroom in an educationally purposeful way to reinforce the curriculum, when appropriate.

In order to meet the demands of a rapidly changing world, students need to be equipped with more than subject knowledge in order to be successful. Students must be lifelong learners to meet the demands of higher education, work and life. The 21st Century skills, outlined by the Queensland Curriculum and Assessment Authority, include critical thinking, creative thinking, communication, collaboration and teamwork, personal skills, social skills and ICT skills. Our goal is to embed these skills into the course of study to ensure students are able to participate effectively in the community and the economy in a complex and increasingly online world.

"*Our students need to be able to be agile critical thinkers, be able to connect and collaborate with people across various mediums and they need to solve real world problems.*"
Dr Peter Webster

21st century skills
Preparing students for a changing world

Young people are preparing for a very different world from the one we know.

Young Queenslanders in the 21st century need to be

Innovators

Entrepreneurs

Lifelong learners

Responsible global citizens

What are the 21st century skills in the General senior syllabuses?

Critical thinking
- analytical thinking
- problem-solving
- decision-making
- reasoning
- reflecting and evaluating
- intellectual flexibility

Creative thinking
- innovation
- initiative and enterprise
- curiosity and imagination
- creativity
- generating and applying new ideas
- identifying alternatives
- seeing or making new links

Communication
- effective oral and written communication
- using language, symbols and texts
- communicating ideas effectively with diverse audiences

Collaboration and teamwork
- relating to others (interacting with others)
- recognising and using diverse perspectives
- participating and contributing
- community connections

Personal and social skills
- adaptability/flexibility
- management (self, career, time, planning and organising)
- character (resilience, mindfulness, open- and fair-mindedness, self-awareness)
- leadership
- citizenship
- cultural awareness
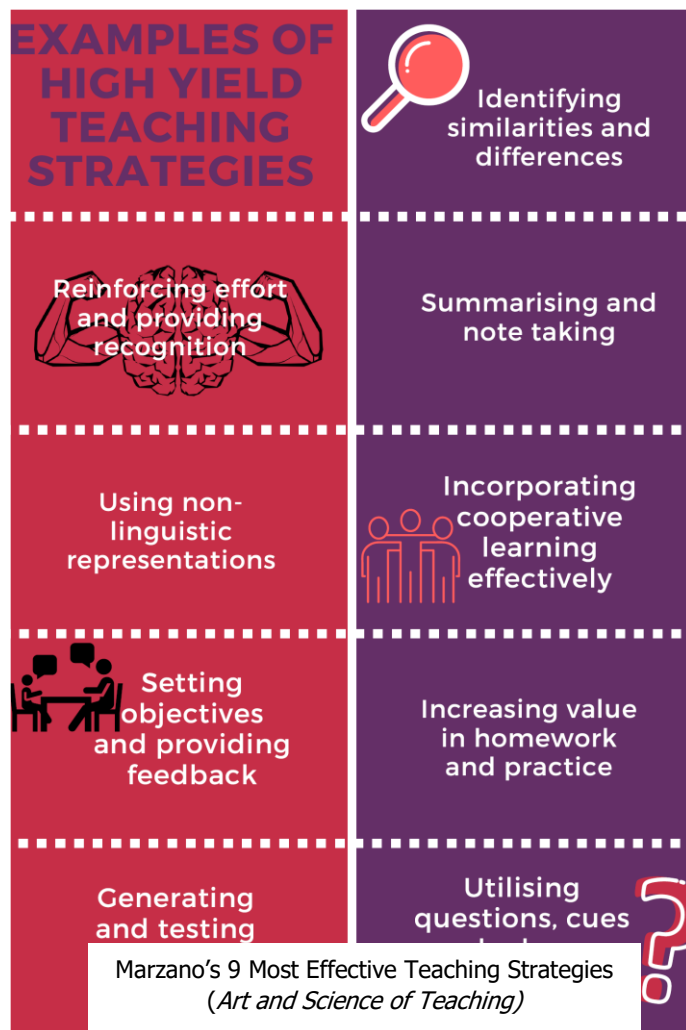- ethical (and moral) understanding

ICT skills
- operations and concepts
- accessing and analysing information
- being productive users of technology
- digital citizenship (being safe, positive and responsible online)

"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn and relearn." Alvin Toffler

School Pedagogical Framework

Our teaching pedagogy is centred around using evidence-based strategies to enhance learning experiences and maximise student outcomes. We recognise the importance for students to be accountable for their learning. Through target setting and associated student-teacher discussions, we guide students to regularly set learning goals and recognise achievements. In addition, technology provides many mediums to carry out the teacher/student feedback cycle.

Learning is rarely a solitary task. Humans are social beings and as such perform well in group situations. Research suggests this is due to the students shared responsibility of learning; thus, the success of one student helps other students to be successful. Information technology provides a variety of mediums to enhance and support student collaboration. When used effectively, technology can create opportunities to facilitate efficient and effective group learning. Applications such as OneNote allow students to share ideas in a teacher monitored collaborative environment.

EXAMPLES OF HIGH YIELD TEACHING STRATEGIES

Identifying similarities and differences

Reinforcing effort and providing recognition

Summarising and note taking

Using non-linguistic representations

Incorporating cooperative learning effectively

Setting objectives and providing feedback

Increasing value in homework and practice

Generating and testing

Utilising questions, cues

Marzano's 9 Most Effective Teaching Strategies
(*Art and Science of Teaching*)

Aspley SHS Bring Your Own Device (BYOx)

The Bring Your Own Device (BYOx) program allows students to bring a personally owned computing device to school and use it to support their learning whilst at school. The device must satisfy minimum school stated specifications.

Students will be provided with access to part of the school network, filtered internet, print/scan/copy from the multi-function print devices and access to teacher provided class resources. (Note: Only devices that are owned by Education Queensland can be connected to the School Network. Student owned devices, which are eligible for the BYOx V2 program, will have limited access to part of the school network through a connection called Microsoft Intune.

Parents/students will be required to supply:

- A device that meets the minimum hardware and software specifications (as determined by the school). These minimum specifications will be reviewed annually.

- It is highly recommended that the device provided is a production device. All devices must have a keyboard.
- Any repairs required. Aspley IT Services will **NOT** provide repair support to BYOx devices.

Security of BYOx, Damage/Theft – Insurance

As part of the security requirement of BYOx, any student owned device must be engraved on the bottom of the device with the student's full name – first name and surname.

Parents will need to check with their Home and Contents Insurance Company regarding coverage for damage or theft of the device away from home.

Whilst Aspley SHS will continue to deal with inappropriate behaviour in line with existing school policies, Aspley SHS will NOT be liable for any damage or replacement costs incurred while the device is at school or travelling to and from school. Any student who causes damage or takes another student's BYOx device, will be disciplined in line with Aspley's Responsible Behaviour Plan for Students (based on the Code of School Behaviour).

Note: Lockers are **NOT** available for students to store unattended BYOx devices.

We recommend sourcing pricing for Accidental Damage Insurance when purchasing laptops.

Hardware – Minimum Specifications – BYOx

Aspley SHS recommends that any BYOx device meets the following minimum specifications to enable suitability for curriculum based activities. (Note: These minimum specifications will be reviewed annually to ensure curriculum requirements continue to be met.)

These minimum specifications are a reflection of the devices that are used at Aspley SHS, so as to ensure comparability. Aspley IT Services technicians will attempt to enable connectivity of devices which meet the minimum specifications, assuming there are no technical, or other issues, outside of their control.

Note: An attempt may be made to connect other devices which may be deemed suitable for curriculum purposes, but parents and students should be aware that connectivity may not always be possible.

Hardware
- **Operating System:** Windows 10.
- **Screen Size:** Laptops and Tablets (Windows only) – 10 inch or greater (with resolution of 1366 x 788).
- **Battery Life:** Device must be able to last for duration of at least 6 hours of continuous activity.
- Intel Core i3 Processor or Ryzen 3 and above
- 256gb Hard Drive – SSD preferred
- 8Gb RAM Minimum
- At least 2 USB ports
- 802.11 n Wi-Fi IEEE 802.11 a/n/ac 5Ghz compatible
- Integrated speakers and microphone with headphone ports
- Integrated webcam
- Keyboard
- 1 x integrated pointing device
- Hard or protective shell laptop case to suit model or device (recommended)

Software
Software as outlined below must be provided by parents for BYOx:
- Compatible anti-virus software
- PDF Reader

Options for free anti-virus are available and recommended – see list below:
- Panda Cloud Antivirus – free edition
- Comodo Internet Security Premium
- Roboscan Internet Security free
- Avira Free Antivirus
- FortiClient
- Bitdefender Antivirus free edition
- Avast Free Antivirus
- ZoneAlarm Free Antivirus + Firewall

STUDENT EXPECTATIONS

Please…	Don't…
- Bring your Laptop to school each day, fully charged. - Have enough data storage to get you through the month. - Use only your school email address to communicate with staff and students. - Keep apps and software up-to-date as soon as new software is available. - Contact IT support immediately if you have any problems that would affect your classroom learning. - Make sure you are very familiar with the ICT agreement. - Keep your password secret and secure. - Change your password regularly. - Check your school email inbox regularly as it is the main means of communication. - Name your device with your username only.	- Access any social networking apps. - Connect to hotspots or any unfiltered internet sources. - Use or interfere with other people's devices. - Share account access information, including passwords, with others. - Photograph, film or record audio of another person in the school without their permission. - Do anything with the device that is dangerous, illegal or offensive. - Use your device to bully or harass others. - Reset your device or remove the school profile – this will remove your access to the school Wi-Fi. - Rename your device with a title other than your username.

Please Note: 3G/4G/5G enabled devices will **not** be permitted to be used at school as the internet provided by their use is unfiltered and is not permitted by Department of Education.

Frequently Asked Questions

We already have a computing device at home. Can I use it at school?

Yes, as long as it meets the minimum specifications as determined by Aspley SHS.

Will every device work inside the Department of Education network?

No. Some devices with low specifications have been found to not connect within the DoE network. These devices may struggle with the security filters used by Department of Education.

How will I be kept safe online?

When a BYOx device is connected to Microsoft Intune, student work, including Internet searching will be filtered and monitored through Department of Education filters and security systems. AB Tutor will also be used at Aspley SHS to monitor the activities of students while working through Microsoft Intune.

Will the school assist me with network connection settings at school?

Limited assistance with be provided. Students will be provided with a handout of instructions available from the IT Services Department.

Will the school protect the student owned device from virus attacks?

It is a condition of being accepted into the program that the student owned device has a current, compatible anti-virus software installed (for all Windows devices).

Will 3G/4G /5G be permitted on a student owned device?

No. 3G, 4G or 5G enabled devices are NOT permitted to be used at school. The school has an effective wireless network available and it is Department of Education's policy that, whilst at school, students must use the school web proxy. Personally owned devices with 3G/4G/5G enabled do not provide filtered internet.

Does the school provide software for my BYOx?

All state school students from Prep to Year 12 can now access the latest version of Microsoft Office on their personal home and mobile computer equipment, at no cost, by using their EQ login details.

Aspley SHS students who are participating in the Student Resource Scheme will have access to the full school suite of software from Education Perfect.

The provision of other subject specific software, antivirus software or PDF Reader for a personally owned device is the responsibility of the parent/student.

Can I take my BYOx to the Aspley IT Services Department for repair?

The Aspley IT Services Department cannot work on a privately owned device purchased through a retail outlet. Limited assistance to connect Microsoft Intune will be provided through an instruction handout. Students will be required to tend to repairs according to their warranty at purchase of the device.

Will I need to bring the device to school every day?

Yes. Teachers are changing the way they teach to take advantage of students having greater access to technology. The new digital platform curriculum means that digital devices will be essential tools in each classroom.

Do I need to bring my charger to school to recharge my device while I am at school?

No. Charging facilities are NOT available at school. All BYOx devices must be brought to school fully charged for each school day. The minimum specifications state that the batteries of the device must last for at least 6 hours duration each day.

Note: It is a safety policy of Department of Education that all chargers used on premises are to have a current Test and Tag fitted. It is only DoE owned devices that are fitted with these tags. Therefore private device chargers are not to be used on the school's power network.

How do I protect my BYOx device?

Protective equipment, such as bags or cases, are to be organised by the parent/student to keep the device safe whilst at school, and travelling to and from school. It is the responsibility of the student to look after the device whilst at school and keep it securely and safely in their bag when not in use. Lockers are **not** available.

What is deemed inappropriate?

All illegal (unlicensed) software; pirated music or videos; defamatory documents, or images, or any content not suitable for viewing by persons under the age of 18 are deemed inappropriate.

Will the school assist me with home internet connection settings and issues?

No. Your home internet provider or local computer technician can assist you with these enquiries.

Do I need to back up?

Yes. It is the student's responsibility at all times to back up files. The school assessment policy clearly states that loss of data due to information technology problems is not an acceptable reason for assessment extensions.

How is the device to be kept safe?

It is the student's responsibility to look after their device, and ensure its safety, on their way to and from school and while at school.

Will the classroom teacher be able to provide technical support in class?

No. It is the student's responsibility to manage any technical issues associated with the use of a student owned device. Teachers will not be able to resolve technical issues in class. If a device purchased through a BYOx portal experiences a technical issue, assistance should be organised through the support area of the vendor/manufacturer.

Where can I purchase a device?

Devices can be purchased from any IT retailer who stocks devices that fit the required specifications

Can I borrow a device if I cannot afford one?

A limited number of equity devices are available for loan from the school. These devices can be applied for by emailing laptoploans@aspleyshs.eq.edu.au

Other information

A Parent and Carer's Fact Sheet – Using Microsoft Intune for Queensland State Schools is available at the following link: **BYOx Fact Sheet**