

BYO IPAD | YEARS 7 - 9 |

## Aspley State High School

Learning is a continual process and occurs in a variety of ways. Our goal is for students to use iPads as a tool to support key processes in learning and for teachers to use them as an environment to facilitate deeper engagement in learning and higher-ordering thinking. Learning is the driver and we believe technology can be a great accelerator. Learning experiences in our classrooms will focus on the six Cs; communication, collaboration, citizenship, creativity, critical thinking and character. Using iPads in this setting allows students to be curators of content that can be used to change the world. The six Cs align closely with the QCAA's 21<sup>st</sup> Century skills.



### This is because...

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 21<sup>st</sup> 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 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 21<sup>st</sup> century will not be those who cannot read and write, but those who cannot learn, unlearn and relearn."***

Alvin Toffler

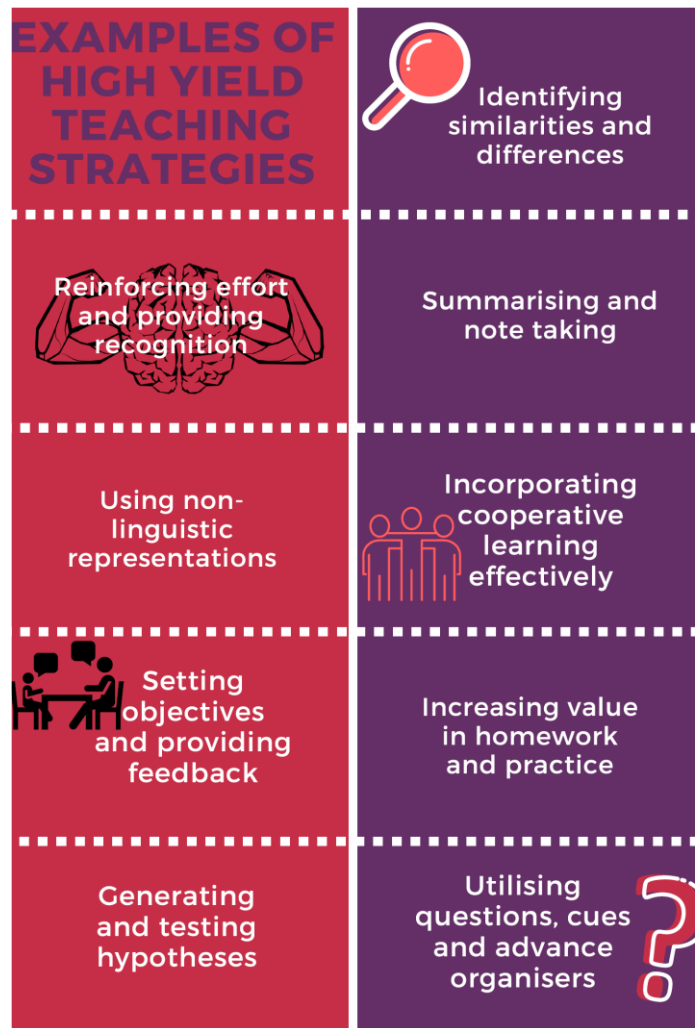
# School Pedagogical Framework

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. For example, student-teacher conferencing can be recorded using the iPad for students to play back later.

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.

## A Technology Rich Curriculum

At the heart of every curriculum is the desire to deliver engaging learning experiences that are deeply connected to the world in which the students live. The iPads are a tool to support key processes in delivering the Australian Curriculum with a specific focus on collaboration and problem solving. The iPads enable access to a variety of learning applications and tools that are used in industry and prolifically in education curriculum delivery. This allows students and teachers the possibility to promote metacognitive processes and visible thinking. Through learning tools available on the iPad, knowledge domains are blurred which allow students to become adept at transferring knowledge across subjects. In order to facilitate engagement, students are provided with the opportunity to explore, work at their own pace and access tools and resources targeted to their needs and interests. Students will communicate not only with each other but leverage this technology to access expertise locally and globally. Our goal is to produce critical thinkers who are connected to real world pathways and opportunities.



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

# Parent Teacher Communication

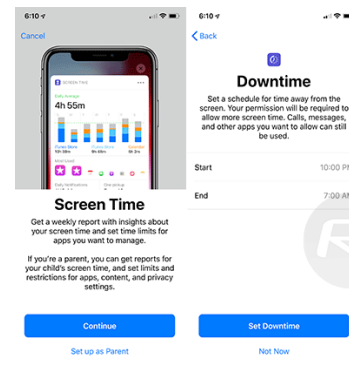
We believe that maintaining parent-teacher communication throughout the school year not only improves student academic success but also has a positive influence on their social and emotional wellbeing. With increasing use of technology and virtual storage, checking up on what your student is working on in class can be difficult. The iPad classes at ASHS will utilise the Microsoft Teams application in class to communicate and post work. Through Teams it is possible to maintain a collaborative working space, virtual storage and a class OneNote notebook. Your child should be able to show you the work set through Teams and OneNote at any time. We hope that this will give you some discussion starters when you ask your child about their day and receive a monosyllabic answer.

## Health and wellbeing for our families using technology

We are aware of the research around the implications of high levels of screen time for children and adolescents. Technology appears to be a double-edged sword and both parents and students must manage the downsides of increased access to information and connectedness. A recent study by The Children's Hospital in Melbourne indicates that approximately 64% of parents reported never setting screen time limits for their children (Rhodes, 2017). In addition, 62% of parents did not regulate the content their child was accessing (Rhodes, 2017). It is not always possible to sit beside your child whilst they use technology to complete homework and other tasks. Apple's *screen time* functionality (through family sharing) enable parents to:

- manage device time – how much time is spent on particular apps and websites
- support downtime – schedule time limits for particular apps and internet browsing
- control device usage – control time, website and app categories
- control content accessed by the device – stop certain websites
- understand child/device interactions – receive daily and weekly reports of usage across categories

If you are not familiar with iOS devices please access the websites outlined in the sections below or schedule an appointment with your local Apple retail store.



## Setting up your iPad

In order to ensure that your child is ready for the first day, it is advisable to set them up with their own Apple ID through family sharing. It is important that the student knows their password as it allows them to reconnect if they are signed out of their account. We understand that there are safety concerns regarding allowing young people open access to purchasing apps and content. This is why we suggest using Apple Family sharing. Through this free service, students have the ability to log into their account through their own password but the parent/guardian maintains ultimate control over the purchasing of apps. Family sharing also gives parents the ability to see how students have spent their 'screen time' on their device.

Setting up a new iPad:

<https://support.apple.com/en-au/HT202033>

Setting up an iTunes account with Family Sharing:

<https://support.apple.com/en-au/HT201088>

More information regarding Family Sharing:

<https://support.apple.com/en-au/HT201084>

Screen Time:

<https://support.apple.com/en-au/HT208982>

## FREQUENTLY ASKED QUESTIONS

### Q: What are the minimum requirements for a device?

A: We ask that students have a 6<sup>th</sup> generation iPad with retina display and at least 32GB of storage. The device *must* support iOS 11. The devices do not require cellular (or 4G) functionality as the devices will be connected to the schools Wi-Fi. Whilst an iPad mini meets minimum specifications, we are concerned about the decline in screen real estate and the effect this may have on the learning experiences when using this device. A school bundle is advertised at Harvey Norman Aspley. You do not have to buy the iPad from this store.

Device Name	Wi-Fi Model	Cellular Model	<i>Please note that if buying a brand-new iPad for year 7 – the optimum model is an <b>iPad 8<sup>th</sup> Generation 32GB or 128GB.</b> Purchase of this device ensure that the life of the device will endure over at least 3 years.</i>
iPad 1 <sup>st</sup> Generation	NO	NO	
iPad 2 <sup>nd</sup> Generation	NO	NO	
iPad 3 <sup>rd</sup> Generation	NO	NO	
iPad 4 <sup>th</sup> Generation	NO	NO	
iPad Mini 4	NO	NO	
iPad Air	NO	NO	
iPad Air 2	NO	NO	
iPad Air 3	YES	NO	
iPad Air 4	YES	Not required	
iPad 6 <sup>th</sup> Generation	YES	Not required	
iPad 7 <sup>th</sup> Generation	YES	Not required	
iPad 8 <sup>th</sup> Generation	YES	Not required	
iPad Pro (2 <sup>nd</sup> Gen & up)	YES	Not required	

All storage versions (i.e. 32GB or 128GB) are accepted in the ASHS BYO iPad program. Please keep in mind that any personal applications placed on the device may interfere with the storage requirements for school use as the full 16GB of storage may be required to support classroom use. Only the 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> Generation iPad, iPad Air 3 and 4, and the iPad Pro are compatible for use with a stylus.

### Q: Are they any other requirements?

A: A protective case that allows students to identify their iPad and prevent damage. We recommend stmgoods Dux case with stylus storage due to its construction. We also ask that the students have a stylus so that they may annotate their work. The stylus does not need to be the Apple Pencil or Logitech Crayon (please see compatible iPads above), however please ensure it is a quality learning tool to maintain responsiveness, accuracy and feedback with the device. A detachable keyboard and headphones are also recommended.

**Q: Am I expected to buy a new iPad?**

A: You are free to use an iPad that you already have or buy a preowned iPad as long as it meets device requirements. We do not recommend a store to purchase your iPad. Every iPad has a serial number that indicates its date and place of purchase and length of warranty. If you choose to buy a preowned iPad please note the serial number and contact Apple Care before purchasing a device.

<https://checkcoverage.apple.com/au>

**Q: Why only iPads?**

A: We believe that a consistent approach to ICT will maximise productivity and student outcomes in the classroom. In addition, a common device ensures that we can offer efficient, streamlined support to all students.

**Q: What happens if the iPad is damaged?**

A: The school is not responsible for any damage to student iPads. We recommend purchasing a robust case for the device (see above) to protect it from everyday wear and tear. In addition, it is advisable to take out extended product insurance (e.g. Apple Care) to ensure that the iPad is covered at school for damage, loss and breakages.

**Q: Will all classwork be completed on the iPad?**

A: Where possible, we aim to have all resource books accessible on the iPad. These books have additional functionality for note-taking and interactive resources. In some cases, students will have physical copies of texts. A list of apps is included in this booklet. Most are free; however, some may have a small cost. We will tell you if any new apps or books are required during the year. Classroom device usage is dependent upon the task or activity on which the students are working. The iPad is a learning tool that is used in conjunction with many other learning tools. Students will continue to maintain physical exercise books and ensure writing skills are developed in accordance with the QCAA external assessment conditions.

**Q: How much homework is to be expected?**

A: Students in the iPad classes will be assigned a variety of homework tasks, which will not always involve the iPad. It is important to recognise that our primary goal is to engage your child's brain and the iPad is a tool to broaden the platforms that we can use. It is expected that students would ensure that their iPad is charged and updated (if required) ready for use each

day. Another important homework task will be checking Microsoft Teams and downloading course materials from OneDrive and OneNote to preview the materials for the next class. Again, it is important to manage your child's screen time and the functionality in Family Sharing is a great way to do this. We will utilise a variety of apps for homework tasks – please refer to the app list. In order to record their homework tasks, students will use the *reminders* function that is built into the iPad. This function notifies the students of impending due dates which will hopefully decrease parental stress and nagging.

**Q: What settings will the school prescribe?**

A: Parents need to set a parental passcode and understand restrictions. We recommend experimenting with these settings at home before the start of the school year. The Passcode should be written and stored somewhere, as it cannot be recovered unless iTunes or iCloud are used for backup. An identifying name based on their School "MIS ID" (i.e. astud4@eq.edu.au) should be used as the name on the iPad so it can be seen on the school network. Wi-Fi and other settings will be setup early in the first classes at the start of the year. Ensure the iPad has a lot of free space and no inappropriate content. All personal apps must be kept in a "Personal" folder. It is mandated that the personal folder is locked, using Family Sharing/Screen Time, during school hours. While it is a private device owned by families, when at school it must only be used for educational purposes and hence we insist on being able to view content and manage the device on our network for security, cybersafety and organisational purposes.

For more information regarding parental restrictions:

<https://support.apple.com/en-au/HT201304>

If you would like further assistance with the Family Sharing and Screen Time functionality please access the Chermside Apple Store. If you would like to book a time with an Apple consultant please visit the website below:

<https://www.apple.com/au/retail/geniusbar/>



# STUDENT EXPECTATIONS

Please...	Don't...
<ul style="list-style-type: none"><li>👍 Bring your iPad to school each day, fully charged.</li><li>👍 Have enough data storage to get you through the month.</li><li>👍 Regularly turn your device off or complete a hard reset.</li><li>👍 Regularly back up your device to iTunes.</li><li>👍 Enrol in all of your iTunes U courses.</li><li>👍 Use only your school email address to communicate with staff and students.</li><li>👍 Keep apps and software up-to-date as soon as new software is available.</li><li>👍 Contact IT support immediately if you have any problems that would affect your classroom learning.</li><li>👍 Make sure you are very familiar with the ICT agreement.</li><li>👍 Keep your password secret and secure.</li><li>👍 Change your password regularly.</li><li>👍 Check your school email inbox regularly as it is the main means of communication.</li><li>👍 Name your device with your username only.</li></ul>	<ul style="list-style-type: none"><li>👎 Access any social networking apps.</li><li>👎 Connect to hotspots or any unfiltered internet sources.</li><li>👎 Use or interfere with other people's devices.</li><li>👎 Share account access information, including passwords, with others.</li><li>👎 Photograph, film or record audio of another person in the school without their permission.</li><li>👎 Do anything with the device that is dangerous, illegal or offensive.</li><li>👎 Use your device to bully or harass others.</li><li>👎 Reset your device or remove the school profile – this will remove your access to the school Wi-Fi.</li><li>👎 Rename your device with a title other than your username.</li></ul>

