

SDPS iPad Initiative

Information regarding the BYOD for Year 5 and 6 in 2017



Introduction of the iPad initiative:

SDPS have implemented iPad technology as a result of Board consultation, community feedback, research, planning and consultation. It has included working with other schools who are leading schools in ICT; with established best practice, working with consultants and the Department of Education.

At the beginning of 2016, the school commenced an exciting new initiative for our school, with Year 5 and 6 students being the first to trial tablet technology in a 1:1 classroom environment.

What is this iPad initiative?

The iPad initiative is to engage students and enable them to develop skills and habits to become successful 21st century learners. The integration of technology will transform teaching pedagogy, enabling teachers to implement highly refined, individualized and higher order thinking tasks. This will ensure our students are developing the skills to think critically, problem solve, be creative and demonstrate innovation using iPad technology at home, school and in the community.

Teachers will continue to teach lessons using established teaching and learning practices, with iPad technology as a tool to enhance and personalize the curriculum for students. The amount of time spent using iPads in the classroom will vary depending on planned lessons.

As part of implementing the Australian Curriculum – ICT General Capabilities, schools are expected to:

- ❖ Teach social and ethical protocols and practices
- ❖ Ensure students conduct investigations
- ❖ Provide opportunities to create
- ❖ Communicate ideas and information
- ❖ Manage and operate ICT



The iPad initiative will provide a key technology tool which will enable students to achieve these capabilities and prepare them for future education.

The iPad will be very effective in providing a number of tools within the one device, which would normally require a number of hardware devices and software components.

Whilst there are many educational applications for literacy and numeracy, the iPads also provide creative opportunities in visual arts, performing arts, languages and physical education well beyond what is possible today within our current school infrastructure. iPad technology has proven to be an invaluable tool in supporting students with special learning needs and also caters for all students at their level. The school

has already commenced a holistic and research based approach to ensure the success of the initiative. This includes support for teachers and students and infrastructure upgrades; coupled with mentoring, ongoing professional development and regular review.

The iPad will enhance existing teaching and learning initiatives in the Australian Curriculum and will enable educational delivery that would otherwise be impossible or impractical. The mobile nature of the device makes it easy to provide opportunities for teachers to effectively enhance teaching and learning initiatives both inside and outside of the classroom.

Teachers will be supported, mentored and coached to adapt to using iPads as a tool in their classroom. It will encourage self-assessment, responsibility for individual learning and greater collaboration, both in the classroom and with the local and global community. The iPad is a companion device. Its advantage is its mobility and ease of use. It will be used in scheduled, planned sessions to assist with the achievement of identified knowledge and skills.

The iPad initiative is NOT:

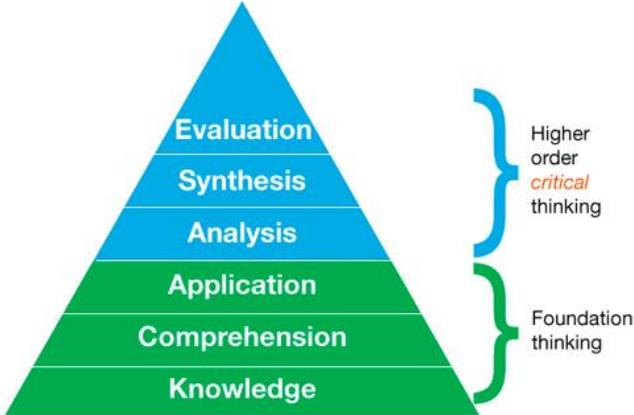
- Technology for the sake of technology
- Students using iPads all day
- At the expense of daily face-to-face teaching
- Replacing pen and paper, or teaching of correct Handwriting skills
- Impacting on outdoor student activities
- Apps replacing teachers
- The only tool used for completing work or student assessment.
- Replacing laptop or desktop computers



What about equity?

Equity of access is core to the culture of the school. The school is already successfully using iPad technology to support our students inside and outside of the classroom. Any child in Year 5 or 6 in 2017 that does not have access to a personal iPad will where possible, use one of the school owned iPads. This includes students whose iPad is in for repair or forgot to bring it to school. Please note that school owned iPads will remain at school.

A range of iPad models will be supported including the iPad mini. This should increase the likelihood that existing family owned devices can be used, as well as providing a range of price points for those families purchasing a new device. Details have been provided below, which we hope will be useful in any purchasing decision.



Minimum device requirements
Apple iPad (3rd Generation or above)
CPU: 1 GHz Dual Core (or higher)
Ram: 1GB (or higher)
Storage: 16GB (or higher)
Wi-Fi
iOS: 8.1 (or higher)
Suitable devices include
Apple iPad 3
Apple iPad 4
Apple iPad Air
Apple iPad Air 2
Apple iPad Mini
Apple iPad Mini 2
Apple iPad Mini 3



Why has the school chosen BYOD approach?

The school continues to see a place for computers in the classroom and has a finite ICT resource budget to maintain and replace computers and related infrastructure. Research undertaken by staff at schools who have adopted the BYOD, has shown the value and safety of students each having their own personal iPad, as opposed to sharing them. This research is reflected in the results of the current school supplied iPad initiative that is already running at the school. In this initiative, students in some classrooms share 10 school owned iPads in various learning activities. While the initiative itself has shown positive results, the limitations of shared devices has become clear to both students and teachers. The school has collaborated with several other schools who have purchased and implemented iPads in their schools. All of these schools have already adopted a BYOD initiative or are in the process of changing over.

The advantages of a student using their own personal device are numerous. These include:

- ✚ There is no need to wait for an iPad to become available to commence and complete work.
- ✚ Not having to wait for another class to finish using them
- ✚ Provides ability to work on internet related research within the classroom
- ✚ Ability to store media and documents without interference by other students, either accidental or intentional
- ✚ The student's documents cannot be edited or deleted by other students who might use the device.
- ✚ Each device can be individually monitored. (Multiple device users would have to be recorded to be monitored. Even then proving who was using the device at the time of an issue would be difficult).

- ✚ Wireless access provides the ability to email documents and search the Internet when needed.
- ✚ The BYOD sits alongside improved communication between all stakeholders by utilizing 'Connect' on a daily basis

If my child already has a tablet that is not an iPad, can they use that at school? i.e. Android or Windows

Unfortunately, this is an iPad only program which means other devices such as Android or Windows cannot be supported.

After extensive research by the school, we have made decisions to use iPads based on the following reasons:

- ✚ The majority of schools consulted are now only solely iPad or transitioning to be, this includes those schools who initially implemented alternative platforms.
- ✚ The school requires iPads primarily to ensure the same applications are available across all devices.
- ✚ This also extends to methods for submission of work and in classroom presentation on the projector.
- ✚ Importantly our staff are, and will continue to be well trained to support learning and trouble shooting on iPads.
- ✚ Apple has an Education Team that provides guidance, support and professional development second to none.
- ✚ Apple has a track record of supporting the iPad with operating systems and security updates far beyond the supported lifetime of other tablets. Importantly these updates are available worldwide without delay. **These two factors are considerable in terms of online safety and the longevity of investment in the device.**
- ✚ Apple has a rigorous vetting process of all apps (this includes educational apps) submitted to the app store. Teachers have access to over 500 000 apps of which 20 000 are designed specifically for educational purposes.
- ✚ Teachers can facilitate a change in student workflow through the multi-media capabilities of the device. This can include the design of digital eBooks and iMovies. These applications are only available on an iPad device.
- ✚ Of all tablet devices, the iPad is the current market leader. It has a responsive Multi-touch screen and a large, high-resolution LED-backlit IPS display. The iPad is compact, lightweight and portable. A battery life of 10 hours will be adequate for the whole school day.

If my child or the family already have an iPad can they use it at school?

Yes, as long as the iPad meets the minimum hardware requirements listed and adhere to the schools policy regarding appropriateness of apps and media, including background pictures.

Please see special note regarding iPads with SIM card 3G/4G access.

Which iPad models can be used?

While we prefer the full size iPad, the iPad mini model will also be accepted as long as it meets the minimum requirements listed.

Please see special note regarding iPads with SIM card 3G/4G access.

The recommended size for an iPad in an educational environment is 64GB. Items that can be stored on the iPad include apps, photos, videos and other media. 64GB will enable students to store their work on the device without having to manage the content externally.

16 GB should be sufficient however, please understand that this will require regular storage management. It is anticipated that a new iPad will have a useful life of around 3+ years. This is important to consider when making a purchasing decision.

Special note regarding iPads with SIM card 3G/4G access

Student devices must NOT contain a SIM card as this can be used to circumvent school online security and safety mechanisms. Should a device with this capability be used it MUST have the SIM card removed prior to arrival at school each day. This forms part of the school policy. Any student in breach of this requirement will be subject to consequences.

Purchasing iPad Advice for Parents

There are a number of retailers who are involved in supplying BYOD iPads to students. They are aware of the school requirements for the BYOD and they provide packages which include the iPad, case, setup support and related services. While the school will provide some self-service resources to support parents, it is limited. These companies' services are recommended for families who have limited knowledge and require additional IT support in particular during the setup process of the iPad.

What else do I need to buy?

A robust protective case that covers and protects the corners and the edges will be required. There are a number of cases on the market to choose from eg the Griffin Survivor (see photos of school ipad covers).

Students will need a pair of robust over the ear headphones. Please note there are headphones on the market that restrict audio levels to best protect a child's hearing.

Will my child's iPad be shared?

No your child's iPad is only for their personal use.

Who will be responsible for installing applications on the iPad?

The school will advise parents of apps to be installed. The iTunes Store is accessed via the internet which provides the ability to create a password protected iTunes user account. The store will provide access to a variety of free and paid applications (apps). Please refer the Family Sharing information in the Cost of Apps section below. The apps will need to be downloaded at home.

Creating an Apple ID allows you to access the App Store and iTunes. Students under 13 years old must not create their own iTunes account or purchase iTunes vouchers without parent assistance.

The school will use its website to provide links to the apps to support parents. This will simplify the downloading process.



The Year 5 and 6 Booklist allows for up to \$20 of apps to be purchased in 2017. Teachers will advise what apps are required next year.

Cost of Apps?

While many great applications are free some are not. Teachers will carefully select applications first and foremost for their intended use, while also keeping in mind the cost.

The school aims to provide as many apps as possible through the school in 2017.

If you purchased your IPAD after Oct 23, 2013 then the iLife and iWork apps are now free. If you purchased your iPad before that date then you will have to purchase iMovie, Keynote, Garage band.

Please Note Apple has just introduced Family Sharing. In a nut shell if you buy an app or book for one of your children then you and your other children will have access to app or book without having to purchase it again.

<http://www.apple.com/au/icloud/family-sharing/>

Will I have to purchase additional Apple devices to support the iPad at home?

No, devices are stand-alone. This means they can be managed without an Apple computer. Should you choose to manage the iPad via a computer both Windows and Apple computers are compatible with iTunes which is software freely available from Apple.

Does the school have a policy on appropriate use of the iPad at school?

Yes, the school has developed very thorough policies and a code of conduct for using the iPad at school. The policies extend to staff, student and parents. This includes students being required to sign an iPromise student agreement for using iPads at school. The agreement clearly outlines student expectations and complements the existing school ICT online code of conduct document which was signed at enrolment. These documents will be made available to parents via the school website

Will students have access to the internet on the school and BYOD iPad devices at school?

Yes students will have access to complete some tasks. All access is monitored via the school network monitoring and filtering system. As part of internet access, all students are taught appropriate and safe use of accessing online resources.

How will iPads be secured at school?

Students will not be permitted to use them on the school grounds, before school, at recess or lunch, or after school. Upon arrival at school students will be required to store the iPad in a secure location in their classroom. Classrooms will be routinely locked when no one is present.

The school will be discussing device security with Helping Hands, and recommend parents of students using this service to also discuss security arrangements.

What if the device is damaged or lost?

No responsibility is taken by the school for loss or damage of personal iPads.

The school recommends parents consult their home and contents insurer to ensure the iPad is covered on route and at school.

Apple recently introduced AppleCare+ protection in Australia which provides for extended warranty and support, including some damage coverage. Please refer to the following website for details including terms and conditions: <http://www.apple.com/au/support/products/>

Who will be responsible for charging the iPads?

iPads will need to be charged each night at home.

Some Key Reference Sites:

Aubin Grove PS

Bertram PS

Dunsborough PS

Harmony PS

Kingston PS

Manjimup PS

Treendale PS

ipad Initiative WA Department of Education

iPad in Classrooms Initiative NSW Department of Education

Smart Classrooms iPad Trial Department of Education Queensland

Redlands PS (Queensland)

Apple Education

SDPS Community Forum 2015 - SUCCESS FOR ALL STUDENTS
Strong academic focus
Whole school approach (ie Habits of Mind program)
Developing the whole child (ie Perceptual Motor Program)
Innovative programs to challenge and motivate students
Enrichment opportunities (ie The Arts; Performing Arts and Visual Arts)
Strong support for SAER (Students at Educational Risk)
ICT for improved student learning opportunities
Strong focus on sporting opportunities

