



An Internationally Accredited School

Brighton Primary School

Bring Your Own Device (B.Y.O.D)
1:1 iPad Program Grade 5 and 6

2017

Our Digital Technologies Vision:
Brighton Primary School,
A community who
responsibly uses digital technologies
as tools to be:
-critical thinkers
-interactive learners
-global citizens.

What is Brighton Primary School's B.Y.O.D iPad Program?

Our BYOD program refers to students bringing their own device to school. We will be 1:1 with devices, meaning each student will have access to his or her own personalised digital device. Our 1:1 iPad program aims to ensure that each student in Grade 5 and 6 will be able to access his or her own iPad for use at school and home as required. The school will provide the infrastructure to support students' access to the wireless network. For a child to have access at home and school, parents will need to provide their child with an iPad. The iPads will give students access to a range of tools to assist their learning, guided by the teacher.

OPTION 1: Existing iPad owner – iPad must run most up-to-date ios, have wi-fi working camera and adequate memory to use on a day-to-day basis.

OPTION 2: Private Purchase. Recommended models are iPad mini 2, 32 GB and wifi, or iPad Air 2 32GB with wifi. If purchases made at any Apple store, please quote 'Brighton Primary' to receive a 4% discount on hardware and 10% discount on accessories.

Rationale for 1:1 iPad Program

*In short, a 1:1 B.Y.O.D. program is about the ideal **tool** for students to **personalise their learning**.*

Our children are growing up in a vastly more complex world than we did. There is now so much information that is freely available on any topic at any time. Communication can happen in an instant with people in any part of the world. Because of this, the 'basics' of education have changed. Literacy and numeracy are still the core of our school's focus, however, school is no longer just about learning content. It incorporates learning how to learn and reflection. Skills like information literacy, collaboration, creativity and innovation, critical thinking, problem solving, and of digital literacies all now form part of a child's education.

As a result, what happens in our classrooms has to change to meet these objectives. Students are now involved in real world learning tasks that require researching a wide variety of resources and communication with experts and relevant members of our community and the wider world. They are not only learning about the topic at hand, but about the power they can have to affect change in our world, and what it means to be a global citizen in an increasingly interconnected world.

In this environment, ICT tools are essential. It is no longer effective to have a scheduled 'computer time' on shared devices. On the other extreme, it is also not appropriate to have students 'staring at a screen' all day. The tools our students use as part of their investigations need to be available when they need them as a small part of a bigger task. Much of the students' iPad use might be in short blocks. They may need to check a fact, look up where a town is on a map, jot down a key bit of information. Having a tool on hand progresses their learning immediately.

It also allows them to document their learning in a way they never could before. Being able to take a photo or video of an experiment and save it to their blog along with their reflections; recording a video diary of their learning's at each stage of a process; collaborating on a shared document are all new opportunities.

In the key areas of explicit numeracy and literacy teaching, our students will have 1:1 access to a range of resources and apps (recommended by the teacher) that can support them in their learning.

Why are we moving in this direction? How can iPads improve learning?

Today's students think, connect and communicate differently from those who were at school even only a few years ago. DEECD iPad Trial research showed that students with 1:1 access are:

- *More motivated and engaged in learning*
- *Better organised which improves literacy and numeracy outcomes*
- *Better able to collaborate and think analytically*
- *It is providing students with the necessary tools and awareness to learn and work in a society that is becoming more technology rich*
- *It is giving students more and new avenues to present their work and learn.*
- *We know that students have different learning styles and by using the iPad we can provide students with an amazing learning tool that supports these various styles.*

1:1 iPads promote better learning in and out of school by encouraging:

- *Anywhere, anytime access to learning*
- *Independent, self-initiated learning, eg promotion of problem solving skills, ability to 'Google' questions they have*
- *More family involvement in education through accessing their iPad*

- *Collaboration between students in different schools, states and even countries*
- *Ability to teach students how to communicate appropriately and safely in social websites*
- *Ability to access homework and school information online and offline*
- *More time for teachers to teach students to use the internet appropriately as a tool to learn*
- *Greater access to real-time information, digital learning resources and educational software*
- *Working in online spaces such as Edmodo, where students can access varied content to support their level of understanding in a subject area*
- *Ability to digitally capture any learning, such as videos or photographs to create things such as digital stories*
- *Immediate feedback on their learning, as students have the means to reflect instantly and not wait for their work to be corrected by the teacher.*
- *Opportunities to discuss cyber bullying as a real issue and discuss impacts of this as a class*

Who will own the iPad?

The iPad will be the property of those parents who purchase an iPad privately, being used in conjunction with the school's Acceptable Use Agreement and eSmart Policy.

Warranty and Insurance

The school will not be responsible for warranty and insurance. Parents will need to pursue your own warranty and insurance for the device.

What about apps?

The school will provide an 'app list', similar to a booklist. This will be done at the start of the year. As the year progresses students may receive instructions to download specific apps as the need arises.

Students may install other apps or media on the iPad providing:

- The installed media meets the requirements of our Acceptable Use Agreement. Any breaches of the Acceptable Use Agreement will incur a suitable consequence.
- The installed media does not infringe copyright laws.

- There is enough memory available to engage in all educational requirements.

Downloading apps, music, games and videos from the Internet during school hours is prohibited except when directed by a teacher.

What Technical Support is there?

A positive feature of the iPads is the low maintenance and technical support they generally need. We do understand that issues can happen. The school employs an IT technician, Jon Knight, who will be able to assist with connecting to the school's network and most technical issues. All Grade 5 and 6 teachers will be trained to solve most common technical issues relating to the iPads. However, if major issues arise it will be the responsibility of the parents to repair and fix the issues. Students are to inform their teacher immediately of any problems.

What kinds of contract or agreement need to be signed?

- Digital Technologies Acceptable Use Agreement that goes home at the beginning of each school year.
- iPad Acceptable Use Agreement needs to be signed by all students involved in the program and their parents.

Where do the devices go when not in use?

When not in use, the devices will be kept in a locked classroom. No iPad is to be taken outside during recess or lunch times except for with the specific permission of a teacher for a learning activity. iPads must remain in bags before and after school. Students will be strongly advised to keep their iPads in their zipped up school bag when travelling between home and school.

Can students use the Internet?

Use of the Internet by students is governed by the 'Digital Technologies Acceptable Use Agreement' that students and parents agree to for the use of digital technologies both within and outside the school each year. Parents should familiarise themselves with this document. Any inappropriate use of the Internet is unacceptable and is subject to disciplinary action and exclusion from the school network and resources.

How are you going to 'police' the use of iPads?

Teachers will supervise students as they would for any learning activity as they create and maintain a safe, comfortable and learning-focused classroom. Appropriate use of the Internet service within the DEECD network is closely

monitored by a filtering system, which allows for inappropriate content blocking by a regularly updated list of categories and sites. This does not apply to use of devices outside of the school network.

At Brighton Primary School we place an emphasis on cyber awareness, digital citizenship and appropriate use of electronic devices beginning right from the first day of Prep through to Grade 6. Students in Grade 5 and 6 are challenged to develop their own understanding in class of the agreements as they are taught about their online responsibilities and their 'digital footprint'. In this way, they have a shared understanding and ownership over the standards that are expected at our school.

The school monitors usage at school, but who monitors at home?

That is the responsibility of the parents. When off school grounds, parents have an obligation and full authority to monitor device usage. Examples of this include:

- Encourage use in a family or shared room and not in the bedroom or other private spaces.
- Restrict use at certain times of the evening or weekend
- Regularly examine the documents, browsing history and other contents of the device.

An aspect of this program we are greatly looking forward to is the increased communication and cooperation between home and school in regards to online behaviours and device use. Please make use of eSmart support documents on Compass and regular updates in the newsletter.

What if the iPad is used for inappropriate purposes?

If behaviour occurs that is outside our school's Acceptable Use Agreements, the iPad may be confiscated from the offending student for a period of time, as deemed appropriate by the student's teacher. It is important that teachers, students and parents share the responsibility to ensure safe and responsible use of devices at all times.

Will the student files on the device be private?

Students can expect their device to be periodically inspected and monitored for appropriate usage. Teachers may request access to the browser history and/or caches as well as all files belonging to the student resident on the iPads as well as stored on the school servers. Students and parents need to be aware that teachers will have access to students files stored locally or on school servers.

Will my child be required to share their iPad with students that don't have one?

No. The iPad you supply for your child is theirs to have as a personal device that supports their learning. Students will be free to share as they wish, but will not be required to allow other students to use their iPad.

What if my child forgets his/her iPad at home?

Arrangements will be made to enable the student to participate in learning activities on one-off circumstances. Students will be encouraged to be responsible for their device and repeat forgetfulness will require consequences and communication with parents.

iTunes accounts

- It is a requirement of Apple that a person must be over 13 years of age to have an iTunes account.
- It is recommended that parents set up the iTunes account using iTunes card or downloading a free app first, to avoid using a credit card.
- It is recommended that parents set up the iTunes account to their email, so they will be aware of any purchases made through the iTunes store.
- Parents can determine if children have access to the iTunes account password at home.
- It is recommended that students back up their iPad through iTunes a minimum of once a week to avoid the loss of content.

Care & Maintenance

Each student must maintain and care for the iPad (see later section). The iPad must come to school each day in working order:

- Fully charged – students will not have access to charging facilities at school
- Cover on
- School required apps installed
- System software – correct version installed.

How will I charge my iPad? Can I charge it at school?

All iPads should be charged at home overnight and returned back to school fully charged at the beginning of every day. The iPad battery will last a typical school day. There will be 1-2 chargers available per class.

Caring For The iPad Screen

It is important to take good care of the screen to get the most out of the coating. Here are some ways to protect your iPad screen.

- Don't drop it on hard surfaces. It is glass and it can break.
- Clean the screen with a soft, slightly damp, lint-free cloth.
- Do not clean it with window cleaners, glass cleaners, aerosol sprays, abrasives, or alcohol.
- Always use a cover

You can also use a screen protector. These are not for everyone but they do work for the care of the iPad screen.

Caring For Your Batteries

Part of caring for your iPad means caring for the batteries. The batteries in your iPad are lithium polymer (rechargeable) and they will eventually wear out. It will take a long time before that happens, but there are some things you can do to care for your batteries and get the most out of them.

- Make sure you keep up on the latest iPad updates. This sounds odd but Apple will sometimes make adjustments to software, which helps with drain on resources and battery life.
- Go through one charge cycle per month. To do this all you have to do is charge the iPad to 100% and then run it completely out.

Caring For Your iPad: Environmental

There are also a few environmental ways to care for your iPad. Some of these are obvious while a few are not so obvious.

- Keep the iPad out of heat for an extended length of time
- Keep the iPad out of cold for an extended period of time
- Keep it out of water or extremely humid locations
- Do not dry it with an external heat source such as a hair dryer.

It should also go without saying that part of caring for your iPad is to make sure you do not insert anything into the port connections other than the intended peripherals. Jamming things into the port connectors could render it unusable (and void the warranty).

External Protection

Protecting the outside of the iPad is part of caring for your device. All students will be required to have a case for their iPad.

How much will the iPads be used in class? What about the issue of too much 'screen time'?

The iPad is a multi-faceted tool that supports student learning. How much it is used will change depending on the learning tasks at hand.

It is definitely NOT going to replace quality teaching. Students do not 'go on to the iPads' to do their learning.

It is a tool to support students in their learning. It will be used across key areas of literacy and numeracy, the specialists program and during inquiry learning.

Students will not use the iPad 100% of the school day. There will be some sessions in the day where it is not used because it will not be the best tool for the task. It might be best to use pair or group work or a pen and paper, blocks or dice.

What about handwriting?

Students will continue to complete writing tasks. The iPad does not replace this as writing with a pen or pencil is the best way to write something!

How will teachers be trained and supported?

The school is committed to ensuring teachers receive up-to-date professional learning on the most effective ways to use digital technologies in the classroom. Teachers who wished to be involved in the program have been placed in grade 5 and 6. We have a digital technologies teacher released 2 days to support teacher development across the school.

What does a lesson look like and what pedagogy drives the teaching?

At present, there are different models for the effective integration of technology in education.

One is Bloom's Digital Taxonomy. This is designed to foster higher order thinking skills. It looks ranks different skills in order of how they fosters thinking skills.



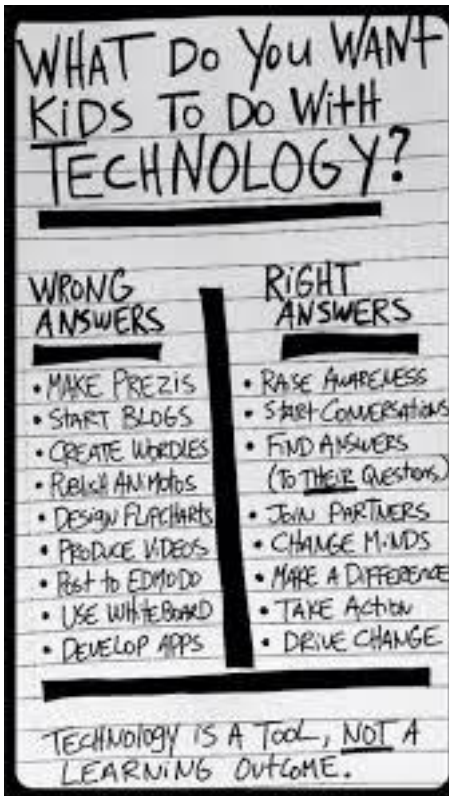
'Remembering' is considered at the lower end of thinking skills- we may know it as rote learning or just knowing facts. 'Evaluating' and 'Creating' are considered at the higher end of thinking skills and demonstrate deep understanding. Thinking in terms of the iPad and available apps, it is immediately apparent how it lends itself to foster these skills through apps such as iMovie, Garage Band, Explain Everything, Adobe Voice, Puppet Pals etc.

Another model is call SAMR.



The SAMR model encourages technology to be used as a tool to redefine learning- the creation of new tasks previously inconceivable. This includes collaboration, communication, seizing opportunities, connecting, creating etc.

Another simple way of thinking about technology use is the chart below. It really focuses on the 'real life' side of things or the main intention of the Primary Years Program- to develop active global citizens. Here, technology is not the outcome it is simply the tool.



If you have any further questions, please contact the school or come in and talk to Joel Snowden, leading teacher in digital technologies or email on Snowden.joel.v@edumail.vic.gov.au