Digital Technologies

Esperance Primary School

Bring Your Own Device Initiative (BYOD)

Digital Technologies at Esperance Primary School

Within a 21st Century learning environment where learning technologies have been deployed across all years and learning areas, Esperance Primary School has opened the doors to a state of the art and modern learning environment. Led by highly skilled and committed educators, children are provided with daily opportunities to engage with powerful digital learning tools allowing them to create, collaborate, communicate and discover.

We currently have iPads deployed around each of our learning teams and a BYOD program running for our Year 4-6 student cohort who are using iPads on a 1:1 basis. Teachers are harnessing the enthusiasm and eagerness of students by providing learning opportunities driven by the WA Curriculum. Students are using the devices to search, create, produce, celebrate, demonstrate and reinforce their learning. They are excited, enthused and highly engaged. In a world where screens entertain at home; school is using screens to educate.

The iPad, in particular, is transforming the way teachers teach and has changed the learning landscape. At Esperance Primary School teachers are maximising the opportunities provided by Digital Technologies. With increased accessibility to instant and global information, students are more engaged in learning through instant reinforcement and embracing the technology as 'just the way it is'.

With a strong appetite to harness this enthusiasm even further and allow children opportunities to demonstrate their individual strengths whilst teachers develop individual programs, a sustainable 1:1 program is required.

"Learning with iPads is more fun, and I can assist others with the skills I have learnt"

How are we supporting learners of the future?

We are excited and fully convinced that the most important "delivery tool" for your child's education is our staff. Esperance Primary School has excellent staff who embrace technology and digital learning – the kind of learning that best prepares students with skills required for the future.
The focus on the iPad program at Esperance Primary School is to provide tools and resources that enable students in developing skills and habits to be successful 21st Century Learners. Excellence in education extends to the seamless integration of technology to enhance the face to face teaching that is the cornerstone of our curriculum. The individual use of iPads is a way to make our delivery of education more personable and a way to ensure our students are developing modern skills and ways of thinking.

Learning comes about as a result of continuous, active interaction among pupils, educators and parents. Immersion in technology doesn't diminish the role of any of these parties. Our experience has shown that successful technology integration can transform the way we teach and enable highly refined individual programs that take advantage of the tools the iPad and associated apps have. Our teachers show that effective teaching and learning with iPads can be integrated into all areas of the curriculum anytime and anywhere.

Understanding of how we learn, and our access to knowledge, has changed dramatically since our grandparents' time. Technology enables information to be instantly downloaded. The skills students need now vary greatly from the past and we need to provide every opportunity to succeed in a technological world. Students need a tool that can enable them to collect, synthesise and produce evidence of their learning.
Learners of the future need the skills to learn, discover and create; skills to adapt and change and be resilient learners.

Why iPads?

- The iPad platform has a reputation of being robust and intuitive. Its simplicity makes for easy use at all levels.
- Apps perform the same way on all recent versions of the iPad, making it easier to cater for a variety of devices over time. Apple updates are pushed through automatically ensuring users are consistently using the most up to date versions of the software. The Apple ID system allows users to change devices without losing any apps in a 1:1 classroom.
- Support from the Apple Education Team and Apple Distinguished educators.

Why iPads as opposed to Laptops?

- The long battery life means that students can make it through an entire school day without recharging.
- The iPad allows for easy face to face interaction, avoiding the barrier between students and teachers that occurs with a traditional laptop lid.
- Drawing on the iPad's screen is useful in a variety of disciplines.
- Handwriting on the iPad's screen is useful for quick note-taking in all classes.
- Reading textbooks and other long-form material from the iPad is more comfortable than similar reading on a traditional laptop screen.
- The iPad's small size fits conveniently in student backpacks.
- The iPad's instant on/instant off capability preserves class time for meaningful learning activities; learning isn't put on hold while a traditional laptop boots up or shuts down.
- Having their own lightweight device allows students to utilise the device for homework.
- The amount of apps produced for these devices is significantly increasing daily.
- Support at a school level.

Were parents consulted about this decision?

Yes. In August 2017 the School Board organised an open meeting where the topic of discussion was a BYOD Program proposal. The staff presented to a number of our community on the importance of catering for the 21st Century Learners with consideration for the world in which our students will be actively engaged in their workforce. The School outlined the case for change for our students and the journey that the school has been on in developing 21st Century skills of our students. At that meeting, the staff outlined a timeline for implementation of a 1:1 and the need for further community consultation prior to a formal decision being made.

You may be wondering...

Will my child still learn to read and write?

Yes. iPads are tools. As are pens, books, rulers and calculators. Teachers know when to ask students to listen, when to discuss in groups, when to write on paper at their desks, when to research and when to use a digital device. None of that will change. Children will still be taught explicit handwriting in much the same way as they will use books to read. iPads will complement and enhance their reading, writing and numeracy skills.

Can I supply an android/tablet device?

No. Esperance Primary School is an iPad school. Apple's support in an Education setting is second to none. Our staff are well trained and versed to support student learning and troubleshooting where necessary with Apple devices.

How much time will my child spend on an iPad each day?

This will vary depending on the age of your child, as will the type of activities and tasks they will complete on the device. The daily use of the iPad could be to create, to communicate with others, to research information or to reinforce skills and knowledge.

If they won't use it all day, why do they need their own iPad?

In the same way that children having their own stationary (pencils, rulers or exercise books), optimizes individualised learning, so will having their own iPad. Imagine several children sharing one exercise book to complete their learning task. Whilst the task can be completed, the learning outcome is faster and individualised when children have their own. The same will be for the iPad. They need it when they need it.

How will the iPads be secured at school?

Students will not be permitted to use them in the school grounds before school, at lunchtimes or after school. On arrival to classrooms, students will remove their iPad from their school bag and take it inside where it will be stored safely. Students are aware through their iPromises that their iPad is their Personal Responsibility.

Who will insure the iPads?

Parents will need to ensure that iPads are insured through their personal home and contents insurance. The school will not take responsibility for insurance.

What happens if the iPad is broken or stolen?

Parents will need to contact their insurance company if this was to occur.

What happens if I cannot afford an iPad for my child or I have more than one child in Years 4-6?

The school will continue to have a bank of iPads which are accessible for student use across all year levels. Where siblings need to share one iPad, or students do not have access to their own, some access to school iPads will be provided, however this may not be 1:1.

Who will be responsible for charging the iPads?

iPads will need to be charged at home and this will form part of the iPad promise that students will be held accountable for.

Who will upload the apps and how will I know what Apps to upload and when?

Parents will be informed of the apps that need to be downloaded and then they will download the apps at home. We anticipate that teachers will notify parents of new apps at the end of each term and avoid 'midterm' requests. Apps may be shared between a maximum of 5 devices with the same Apple ID at no additional cost.

From the students at Esperance Primary School…

"The iPad means we can research whenever we are asked and I can do this on my own quickly".

"My favourite app is Swift Playgrounds as it has really helped me understand coding"

"Technology is important for our future and we are now doing things in class with iPads that we couldn't do before!"

"When I have my own iPad I can do a project and know that it can be saved and I can come back to it – it is mine!"

How much will I be expected to spend on apps?

This will be capped at $30 per year (as part of the annual voluntary fees and contributions schedule) as many of the apps used at school are free.

What type of iPad does my child need?

The recommended specs for the selected iPad is as follows:

- **A minimum of 32GB storage to store large projects, photos and videos (64Gb recommended)**
- **iPad Air or later (6 - 10 Generation); iPad mini's not recommended and**
- **Wi-Fi only. (Please remove SIM cards from cellular devices)**

- **You can visit this website to compare iPad Models: http://www.apple.com/au/ipad/compare/**

- **Apple Care can be purchased for a small additional cost and provides a warranty. More information can be found here: http://www.apple.com/au/support/products/**

What if my child already has an iPad?

If your family already has an iPad and you would like to send this to school with your child, you do not need to purchase a new device.

Where should I buy the iPad?

This is entirely up to you. There are some local options, and our advice is to shop around and research costings from as many sources as possible. Esperance Communications, Retravision and Dicks Electronics supply the iPad devices as local distributors, however you should be advised to gain quotes from each of the suppliers listed to get the best price.
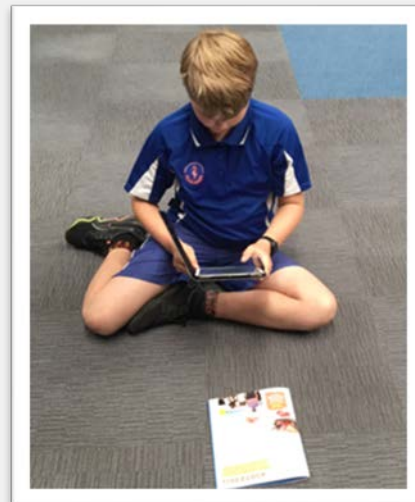
What else will I need to buy?

A protective case is essential and a set of headphones as well (this will be included in the stationery list).

What happens if my child forgets their iPad on any day?

Where possible a school iPad may be made available.

Will my child have to share the iPad I paid for?

No.

What happens if the iPad is not used appropriately at school?

The school's Positive Behaviour Management Support Plan & Good Standing Policy will be followed in the event of inappropriate behaviour. Students will be also asked to consent to an iPad promise (iPromise), which is essentially an agreement on how to respect the use of the device and responsibilities of the student in managing their own device (an example of the iPromise is provided in the booklet).

Will the iPad be used to access the Internet?

Yes. Students at Esperance Primary School currently have access to the Internet in order to complete many tasks including inquiry-based learning.

Will my child be taught about safe and appropriate use of the Internet?

Yes, currently we teach ethical and safe means of using the internet, in a broad approach to developing students' awareness of being cyber safe.

What is the life expectancy of an iPad?

Approximately 3+ years, however with regular up-dates and care the iPad should last up to 5-6 years.

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

No. The iPad can be linked with any computer that has iTunes downloaded. Therefore, an iMac, MacBook or iPhone are not necessary.

Together we will ensure the children of Esperance PS are well equipped for the unknown future

Inspiring Personal Excellence

From the students at Esperance Primary School…

"The iPad helps improve my ICT skills and makes me more confident in using it to improve my learning"

"Having your own iPad is great, you can save your own work and I'm now responsible for my iPad – charging and storage"

"My favourite app is Book Creator – it allows me to develop my ideas on a screen, record videos and insert photos".

iPad iPromise

- I will bring my iPad to school each day, charged to at least **70%**.

- I will always **walk** and use **two hands** when carrying an iPad.

- I will always have clean and dry hands when using an iPad.

- I will never have food or drinks near an iPad.

- I will never touch someone else's iPad.

- I will let the teacher know when the battery is less than **30%**.

- I will not use my iPad before or after school, whilst on school grounds.

- I will carry my iPad to and from school in my school bag.

- I will not alter settings unless directed by a teacher.

- I will only use apps and websites with which I have permission and have been directed to use.

- If I have trouble printing, I will consult with a teacher.

- I will be safe, responsible and respectful when using an iPad.

I understand that if I break my iPad iPromise, there will be a consequence.

Using Digital Technologies at Esperance Primary School

This document provides an overview of the use of technology at Esperance PS currently. It outlines three vital questions:

- **WHAT** are we using technology for? – the various activities we cater for students in our school
- **HOW** are we using technology? – the method by which we do this – device, app, product
- **WHY** are we using Technology? – this is the most critical question – the rationale for using technology

Why?

Differentiation / Accessing the Curriculum	Supporting 21st century Learning	Creation and transforming learning	Engaging and Motivating Students	Communicating Effectively
How?				
Study Ladder	Robotics – Lego EV3, Bee-Bots, Dash & Dot, MakeyMakey, etc.	Book Creator	IWB	SkoolBag
SoundWaves	BYOD 4-6 program	PicCollage	BYOD 4-6	Seesaw
Microsoft – Office 365	Cyber Safety	Green Screen – DoInk App	Camera	Connect
Osmo	Kahoot/Quizziz	ChatterPix	Go Noodle	
Seesaw	Popplet	Pages	ClassDojo	
Epic Books	Seesaw	Minecraft	Study Ladder	
AR Reading	QR Codes	iMovie	Smiling Minds	
Teach Your Monster to Read			Cosmic Yoga	
What?				
Applying learning	Social & Emotional Learning	Displaying work	Class Points	Sharing learning with carers/parents
Explanation of work	Research	Explanation of work	Behaviour Management	Displaying work
Talk to text	ICT skills – General Capabilities	Publishing of work	Modelling of apps & functions	Community engagement
Audio books	Inquiry based learning	Design and creation of new work	Meditation	Sharing school wide updates
Small group work / Rotations			Movement	
Students demonstrating their learning			Videos / YouTube – access to content and experiences otherwise not possible.	

iPad Applications
2024 Scope & Sequence

YEAR 4

REDEFINITION	Seesaw Class / CLASS	Book Creator	Green Screen	edu	MinecraftEDU	ScratchJR
MODIFICATION	PicEDU	Google Earth	SpheroPLAY	SpheroEDU	Blockly for Dash & Dot	play
AUGMENTATION	Smiling Mind	Popplet	Chromville Science	Google	LanguageNut	Kahoot! / Quizizz
SUBSTITUTION	Word	PowerPoint	Excel	Pages		

iPad Applications
2024 Scope & Sequence

YEAR 5

REDEFINITION	Seesaw Class		Green Screen	iMovie	MinecraftEDU
MODIFICATION	PicEDU	Book Creator		Google Earth	Osmo
AUGMENTATION	Smiling Mind	Popplet	Canva	Google	LanguageNut	Kahoot!
SUBSTITUTION	Word	PowerPoint	Excel	NAP Browser	Pages

iPad Applications
2024 Scope & Sequence

YEAR 6

REDEFINITION	Seesaw Class	Book Creator	Green Screen	iMovie		SpheroEDU	We Do 2.0 LEGO Education	MinecraftEDU	Micro:Bit	EdWare
MODIFICATION	PicEDU	Google Earth	Blockly for Dash & Dot	SpheroPLAY	play					
AUGMENTATION	Smiling Mind	Popplet	Canva	Google	LanguageNut	Kahoot!	Quizizz	Chromville Science		
SUBSTITUTION	Word	PowerPoint	Excel	Numbers	Pages					