



Good at Learning, Good at Life

2023

Parent Information Session

BYOD iPad

“To flourish now and in the future, students will need to become problem solvers, knowledge creators, critical and creative thinkers and innovators.”

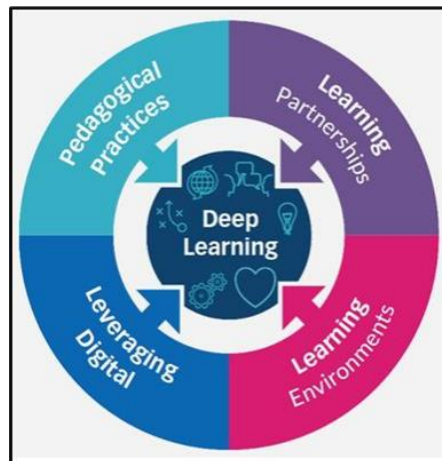


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Teaching and Learning Framework

At Eimeo Road SS through our Deep Learning Framework we strive to create **"integrated, meaningful learning experiences that link to the six global competencies for Deep Learning"**. Our Deep Learning Framework adopts four key elements of learning design: **High Impact Teaching Strategies, Leveraging Digital, Learning Partnerships** with parents, experts and the community and **Learning Environments** that cultivate energy, creativity, curiosity, imagination and innovation.

We have identified four key components that allow ERSS students to cultivate Deep Learning through focusing on the six Global Competencies (ie the skills and attitudes needed to be successful in the 21st century).





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Leveraging Digital Technology

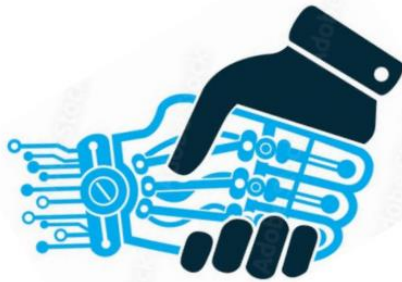
As we move from asking our students to be consumers of knowledge to asking them to create and apply their solutions to real-world problems, the **digital world** gives us a mechanism to **connect and collaborate locally and on a global scale**. This myriad of options generates crucial decision points for ERSS teachers regarding the **thoughtful** use of digital, including media and digital citizenship, as an integral part of the learning. In the learning design, ERSS teachers need to select the **most appropriate digital choices** from a vast array of options and ensure that students have the skills to not simply use these options, but to be discriminating in how they employ these options in **building knowledge, collaborating or producing knowledge, and sharing new learning**, guided by the ICT Capability Learning Continuum and Australian Curriculum Technology Curriculum



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Changes over time

When students were succeeding in school with no technology, we were also living in a world with little technology, and preparing students for life in a world where technology wasn't part of their daily lives [1]....If we keep doing the same thing, using the same devices in a world that is rapidly evolving, how can we expect our children to evolve with it and be successful?



2019 This Is What Happens In An Internet Minute



2020 This Is What Happens In An Internet Minute





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Changes over time

THEN vs NOW

How Technology in Schools Has Changed Over Time

1800-1820
The one-room schoolhouse

1828
Classrooms begin incorporating radios into penmanship, accounting, history and arithmetic lessons

1830s
Overhead projectors, initially used for US military training, quickly spreads to schools

1838
The first TV appears in a classroom in LA

1860
Headphones become popular in school language labs

1860s
Whiteboards are invented to replace the Chalkboard

1864
BASIC is developed at Dartmouth College with the intent of giving students a simple programming language that is easy-to-learn

1867
Texas Instruments develops the handheld calculator

1873
The Minnesota Educational Computing Consortium is founded. The organization popularizes school software such as Oregon Trail (7x) and Lemonade Stand (7x)

1872
Scantrons are used to automatically grade multiple-choice tests

1866
Touch typing software Mavis Beacon Teaches Typing is developed and popularized in schools

1884
Apple Macintosh computer is introduced. The ratio of computers to students in US schools is 1-92

1888
Laptops are introduced and are eventually utilized as teaching tools

1890
CD-ROMs become a predominant form of storage

1981
SMART boards are introduced in schools

2002
According to the National Center for Education Statistics (NCESS), about 99% of American public schools have Internet access. About 35% had Internet access in 1994

2012
1.5 million iPads are used in US schools

2018
90% of students under the age of 18 have access to mobile technology

forever
imagine
program
share

2018



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Australian Curriculum

The Australian Curriculum emphasises the significant differences inherent in learning in the 21st century. The whole curriculum is built around the development of a set of general capabilities: literacy, numeracy, ICT competence, creative and critical thinking, ethical behaviour, personal and social competence, and intercultural understanding.

Together, these capabilities are important to individuals living in a world where technology allows for learning to occur 'anywhere, anytime'





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Australian Curriculum

Educational research about the influences of 1- to-1 ICT provision in learning suggests that it improves student engagement and creates an environment more conducive to effective innovation in pedagogy (teaching and learning). A studies indicate that in an all-digital learning context, 'iPad promotes both efficient use of time and more learning moments'. Importantly, research suggests that it is better to view ICT not as a technological tool but rather as a cognitive tool. [ii]

The Digital Technologies curriculum focuses on students having easy access to devices, to not only become effective users of ICT, including the development of coding and robotics skills, but also creators of digital solutions.





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Cyber Safety

ERSS has policies in place to address cyber safety and cyber bullying.

Online Services Permission

- Subscriptions and access to online services.

Secure Student Log on:

- MisID & personal password

In class resources

- Teacher: Classroom App 
- Digital Safety In class course (Yr. 3 – Yr. 6)

Parent resources

<https://www.esafety.gov.au/parents>
<http://www.staysmartonline.gov.au/>
<https://www.fosi.org>



- *Anti Bully Girl*
- *Cyber Cop*
- *Web-E*
- *Secret Agent*
- *Mr D-Vice*

Your digital journey

Digital citizenship

Personal and private

Chatting online

Cyberbullying



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Bring Your Own Device

Our bring your own iPad program allows students to bring a personal iPad to school for use in a safe and supportive educational environment, to meet their learning needs under the direction of a teacher or administrator.

A suitable iPad must be full size (not a mini), it have the most recent iOS and be WiFi only (or have SIM removed).

64GB storage suitable for school use apps only.

256GB recommended for shared home and school use apps.

9th Gen iPad is the current model

Other Options for iPad Classes

Hire (\$180/year)





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Bring Your Own Device

Student will require:

- Apple iPad with the latest operating system with WiFi capability.
- All apps as per Year Level list and downloaded at home ready for the first day of school
- Tempered glass protector (recommended).
- An iPad cover that will provide robust protection.
- Suitable headphones (over the head style preferred).
- Optional iPad sleeve.

Required Apps:

Each iPad will require necessary apps to be installed at the cost of the parent (but most are free).

We recommend the use of Apple's Family Sharing to ensure that apps need only be purchased once for whole family use. An app audit will occur at the end of each year to finalise apps required for the following year.

ERSS will continue to monitor apps for changes to ensure they comply with our selection process. Apps may be recommended to support individual students' specific learning needs





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Why an iPad?

- ❖ Light small (mobile) use all day without charging.
- ❖ Lose flow if we need to log into a computer or iPad, need to wait to borrow them currently
- ❖ 1:1 means we don't have to wait to borrow devices.
- ❖ Cooperative learning (small group).
- ❖ Works with our current wireless structure and malware protection (website content).





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Benefits & Enhanced Learning

- Allows for personalised learning.
- Improved student learning engagement.
- Collaboration (Group Work).
- Great choice and more independence.
- Model for lifelong learning. Smooth transition between home and school.
- Allows for 24/7/365 access.
- Provides easier student access to online instruction materials.
- Supplement school resources and equipment.
- Normalisation of technology.
- Connected and globally engaged.
- Mobile and visual learning.
- Researching topics.
- Note taking and Brain storming.
- Drill and practice activities – literacy and numeracy.
- Producing.
- Data collections.
- Project based learning.
- Coding and Robotics.
- Self-paced and/or self-directed.
- A greater opportunity to demonstrate learning



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iPad Use in the Classroom



iPad Information

Eimeo Road State School

iPad Program



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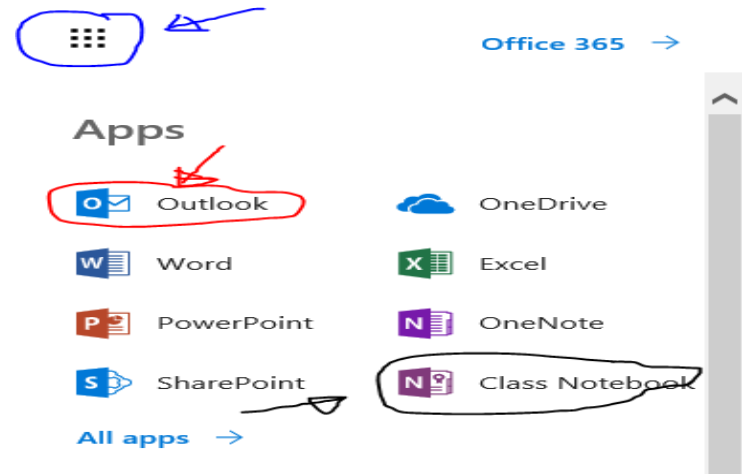
iPad Use in the Classroom



OneNote

How to use class Onenote

1. Open the internet on your chosen device.
2. Google "MIS web mail"
3. Click on first link, Managed Internet Service
4. Use your student log in details to sign in
5. Click on the little square icon in the top left hand corner of the page. Seen below in blue.
6. To open your email click on the 'Outlook' app circled in red.
7. Find an email from classroom teacher that has a class OneNote link attached (if you need to log in with students normal username and password)
8. Once you have done this you can on the little square icon in the top left hand corner of the page. Seen below in blue. Click on the class Notebook circled in black and click on class titled notebook.





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iPad Use in the Classroom

Apple Classroom



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Who's Responsible?

Security, theft & damage

Student iPads will be in the classroom during breaks. Individual students will be responsible for keeping their own iPad safe at all times inside and outside of the classroom. Theft and damage of iPads is a family responsibility and we would suggest insurance for your student device.

School network

Student iPads will be added to our school network and will be safeguarded like any other school device. Student iPads connected to home (or other) networks is a family responsibility.

Filtering

The standard filter which is currently provided on the school network will apply to student owned iPads as long as they connect to the school network in line with the User Agreement.

Charging

Fully charged each day from home.



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Who's Responsible?

iPad Set-up

BYO – Family to organise Apple ID and download apps from the Company Portal App (subject to change). Apple website has fantastic support documents. School will offer sessions for Intune Company Portal App setup (WiFi, School email, OneNote, OneDrive) prior to commencement of 2023 school year.

Hire/Loan – School will set-up and manage the device





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Questions ?





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References

[i] St Columbia's Primary School:

<https://www.stcolumbaswilston.qld.edu.au/Curriculum/info/Documents/1%20to%201%20iPad%20Program%20Powerpoint%20202014.pdf>

(accessed 08/08/18)

[ii] Blundell, C. Redlands College iPad Rationale:

<https://ipad.redlands.qld.edu.au/content/rationale>

(accessed 9/08/18)

Marian State School iLearn@Marian SS

<https://marianss.eq.edu.au/curriculum/teaching-and-learning/ilearn-marianss>

(accessed 16/10/2022)

Digital Technologies Hub

<https://www.digitaltechnologieshub.edu.au/understanding-dt/the-dt-curriculum/digital-technologies-and-ict/>

(accessed 16/10/2022)