The case against Technology
School Vision

Milton State School promotes a creative, constructive and personalised teaching and learning culture.

Our vision for learning and teaching is to innovatively grow young minds in challenging ways through a variety of modes, including digital learning environments. Milton values the importance of being digitally literate and connected and preparing our students for the next steps in their learning journey both within the primary school context, the secondary school environment and life.

Whilst digital tools can be used to support and enhance teaching practice and learning experiences, technology does not change what it takes to learn. The teacher, through their guidance and explicit direction of the learning journey remains the most critical factor within every classroom.
Are we Preparing learners for their Future or our Past?

Our aim is to move beyond a focus on basic Competency to promoting the understanding of Content at much higher levels interweaved into the curriculum.

Student Outcomes DEPEND on the Quality of Teaching, parental input, support and Guidance. NOT solely on the technology being used.
What skills are we developing?

- **Global** awareness
- Financial, economic, business and **entrepreneurial literacy**
- Civic, Health, environmental Literacy
- **Creativity and Innovation**
- **Critical thinking** and problem Solving
- Communication and **Collaboration**
- Information, Media and ICT Literacy
- **Flexibility, Adaptability, Initiative and self Direction**
- Social and Cross-Cultural skills
- Productivity and **Accountability**
- **Leadership and Responsibility**
There is **MORE** to “Technology” then using Keynote and PowerPoint.

People who have a VARIETY of strengths and passions! People who know how to set themselves up for success!

We are LESS concerned about grades and transcripts and **MORE** interested in **HOW** you think!

Comfort with Ambiguity, your bias to action and your COLLABORATIVE nature

Leadership
How have you
Lead a team, or
how have you
helped a team succeed?
Effective use of technology is driven by *learning and teaching goals rather than a specific technology: technology is NOT an end in itself.*
What is BYOD?

- BYOD stands for “Bring Your Own Device.”

- BYOD is an initiative that will allow students who have personal technology devices to bring them to school to use them for educational purposes to meet their learning needs under the direction of a teacher or administrator.
Why BYOD at Milton State School?

The learning goals:

Independent, creative and resourceful learners

Extension of learning beyond the school day, increasing parental participation

Collaborative and interactive learning

Personalisation of the curriculum
Specific Benefits include:

- Allows for personalised learning
- Improved student learning outcomes
- Improved collaboration
- Give students’ greater choice and more independence
- It creates a model for lifelong learning
Specific Benefits include:

- Smooth transition between home and school
- Allows for 24/7/365 access
- Provides easier student access to online instructional materials
- Supplements school resources and equipment
- Normalisation of technology
What We have found so far....

- Encourages **Independent** learning
- Development of **research skills**
- **Collaboration**
- Fosters **Creativity**
- Extends the boundaries of learning **beyond** the confines of the classroom and the school day
- **Pupils leading the learning** with greater opportunities for lesson flipping
- Improved **engagement**
It’s the pedagogy not the technology

- Our New National Curriculum gives opportunity to design with BYOD in minds
- Teacher discretion in lessons
- Not a replacement for existing approaches
Expectations of our BYOD Program now and in the future

- **All** students have the opportunity to learn in a 1-to-1 classroom environment.
- Enhance the students’ love of learning.
- Improve academic results.
- Students (and teachers) are immersed in investigating, creating and communicating using ICT.
- Students (and teachers) are able to manage and operate with ICTs effectively and efficiently.
- Students (and teachers) apply social and ethical protocols when using ICTs.
- Equip students with the skills they require to live and work in the world today and for the future.
ICT is normalised at Milton State School through...

- Creation of a Head of eLearning role to support teachers in their use of ICTs in teaching and learning and ensuring that the use of Technology always has a PURPOSE.
- Weekly ICT professional development opportunities.
- Consistent approach to planning, including the utilisation of purposeful ICTs.
- Support and expectation of teachers to use a virtual learning space (Virtual Classrooms and edStudios) to bridge the gap between home and school.
- Ongoing mentoring and support to improve ICT competencies across the school.
We are not alone...

• We are not the only school in Australia implementing BYOD – in fact most schools have either already implemented BYOD in some format, or building their infrastructure to support the implementation in the coming years.

• We have a **NEW ICT curriculum** in 2016 which focuses heavily on students having easy access to devices and an understanding of basic skills, and access to robotics and coding among other skills.
The Nuts & Bolts of BYOD

- At Milton -
What devices are permitted?

To ensure seamless integration the following specifications have been devised to help you in selecting a device.

**YEAR 1 – 3:**

Apple iPads including
- 4th Generation
- iPads Air

*iPad Minis NOT recommended

**YEAR 4-6:**

Specifications of device
- Windows 8.1 32bit operation system (OS)
- Intel Core i3 CPU
- 4gb RAM
- 250gb hard drive
- 13”-15.6” screen size
Portals...

You can purchase your devices anywhere you choose. To help make the process easier we will be providing online portals with a number of different retailers where you will be able to purchase your devices.
What about security, theft and damage to the physical device?

- Devices will be the responsibility of the student. The school will accept no responsibility for the security or safety of the device. Devices will be stored in classrooms during class time and at break time.
- Parents will be advised to review their insurance policies to ensure that BYOD devices are covered outside the home, and to provide a suitable protective bag for the device.
How will devices be connected to the school network?

- Students will be provided with wireless access on the BYOD network after they register their devices having returned their signed AUP/RUP.
- Technical support will be provided to ensure that students can access the secured wireless network.
- 3G connection will not be allowed and parents will have to remove or password protect their 3G connection so students do NOT access this unfiltered network whilst at school.
We will recommend that all devices have some form of warranty. While research shows that students take much better care of a device which belongs to them than a school provided device, accidents happen.
What filtering will be provided when students connect their own device/s?

- The standard filter which is currently provided on the school network will apply to student owned devices as long as they connect to the school network in line with the AUP/RUP.
Charging

- It will be compulsory that personally owned devices are brought into school with a full charge. Students will be made aware that the school is not responsible to provide an opportunity or the necessary power to charge their device during the school day, although limited charging opportunities will be available.
Are students more distracted by having their own devices in school?

- Devices can only be used in class at the teacher’s discretion and should use them in line with the AUP/RUP and Behaviour Policies. If distraction becomes an issue, the teachers will manage the situation as they would with any other distraction and in line with the relevant policies.
What happens if a student uses a device inappropriately?

- The AUP/RUP and Behaviour Policies will outline the sanctions for inappropriate use of devices and network. Students and their parents will be required to sign agreements that these policies will be adhered to and that consequences of policy breaches are understood before network access is provided. These documents will be accessible on the school website.
What if a student doesn’t have a personal device?

- If a student is unable to provide a personal device, there will still be shared access to a range of school owned devices.
What about viruses?

- No computer is immune to viruses or spam so it will be mandatory that all students protect themselves through virus protection programs or apps.
- Additional protection will be provided by school as students access the network, but no system is fool proof and virus protection will need to be regularly updated and scans carried out.
How much of the time will students be using their own device?

- The amount of time a student spends on a device will depend on the lesson intent and objective. Students will not be using the device 100% of the day.
What training will be provided for parents?

- Information evenings, online resources and parent forums will be available to allow parents to access the advice and support they feel they need.
- We would like to ‘tap into’ the talented and varied resource base within our parent-body so if you feel you could contribute to any Parent Training activities please contact Angela Waugh.
What Next?

• Please complete the Expression of Interest form and return to your child's teacher no later then **October 30, 2015**.

• 10 minute “connectivity” sessions with the techs will be made 1 week prior to School starting next year. You will be required to make an appointment with the technicians – an online booking will be sent out during the last two weeks of school.

• Before the booked session with the Tech You will be required to set up the device And download all required apps (help guides to do this are located on our website)

• SCHOOL STARTS!!! And we already have lots of fun things planned for next year!