



Marlborough Primary
School
BYOD
(Bring Your Own Device)
Booklet

Please note that BYOD is not a compulsory venture.
This booklet is designed to give you some information to consider if
you choose to purchase a device.

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Advantages of BYOD (Bring Your Own Device)

- Anytime, anywhere access to learning
- The ability to develop “ digital’ folders and work for their classes (that can’t be lost, never need replacing and are environmentally friendly) through Google Apps for Education
- Anytime, anywhere access to public e-books, data bases and catalogued web resources
- Anytime, anywhere access to limited resources and information on the internet
- The ability to draft, redraft and publish work at the click of a button
- Students becoming active partners in their learning

Research citing the potential benefits of e-learning

Noeline Wright’s (University of Waikato) 2009 literature review looking at ‘e-learning and implications for New Zealand schools highlights the following benefits of e-learning afforded by access to internet capable devices as:

- Improved motivation and engagement
- Greater independence and personalised learning
- Improved critical thinking and development of multi literacies
- Greater opportunities for collaboration in wide contexts, including international ones
- Greater access to information, Resources and experts

Research about the potential benefits of e-learning

By introducing E-learning at Marlborough Primary School we are attempting to prepare our students to be 21st Century Learners as our pupils will be entering a world looking for abilities far different from the traditional values.

The New Zealand Curriculum (Page 38) states that E-learning may:

- **Assist the making of connections** by enabling students to enter and explore new learning environments, overcoming barriers of distance and time
- Facilitate **shared learning** by enabling students to join or create communities of learners that extend well beyond the classroom
- Assist in the creation of supportive learning environments by offering resources that take account of individual, cultural, or developmental differences
- Enhance opportunities to learn by offering students virtual experiences and tools that save them time, allowing them to take their learning further

Check out:

Dr David Parsons, Associate Professor Massey University, explains the need to teach higher level thinking skills and develop key competencies using technology to prepare students for the 21st century.

<http://elearning.tki.org.nz/Teaching/Innovative-learning-environments/Future-focused-learning/Teaching-for-21st-century-learners>

Considerations before purchasing a device

Price	How much do you want to spend? What is your budget?
Purpose	What is the device going to be predominantly used for? Will the device only be used by your child at school?
Longevity	How long do you plan to use the device for? Are you looking for a long or short term Solution? What sort of device does your child's intended intermediate school prefer?
Weight	Is it heavy as your child will be carrying this to and from school every day?
Battery Life	This should be at least 5-6 hours as pupils will not be allowed to recharge devices at school.
Screen Size	Minimum 10 inches
Wireless capability	Wireless networking capability is required.
Warranty	Minimum of 1 year warranty but you may want to consider extending this especially if the device is going to move to your child's next school with them or will be passed onto a younger sibling.
Technical Support	Should your device require repair or maintenance-how long will the device be away for repair and what is covered under the warranty. Please note that Marlborough Primary School does not offer Technical support or repair.
Internet Browser	The Google Chrome Browser is necessary for our system so make sure your device can run this.
RAM	A Minimum RAM (Random Access Memory) of 2GB is required but you may want to consider 4GB so the device runs quicker.
Protection	Does the device have a suitable case to protect it from the weather and is it named appropriately.
Insurance	It is the responsibility of the owner (Family/ Caregiver/Whānua) to insure the device from loss or damage. We recommend that you check to see if you are already covered by your existing household insurance policy.
Anti-Virus	It is nearly impossible for a Chromebook to be infected by an actual virus . Chrome OS is one of the most secure (if not THE most secure) operating systems on the market.
Extra Peripherals	Headsets or ear buds are useful for private listening as long as they are compatible with your device.

Check out the BYOD Requirements of local intermediate schools:

Takapuna Normal Intermediate School <http://tnis.school.nz/>

Glenfield Intermediate School <http://www.glenfieldint.school.nz/>

Changes to Policy

Due to the rapidly changing nature of Information and Communication Technologies (ICT) Marlborough Primary School reserves the right to change/update documentation and policies when required.

Common Learning Platforms at Marlborough Primary School

Google Apps for Education- we use a customised “Marlborough Primary School Google Apps for Education” environment for teaching and learning. Google Apps for Education provides students with a free office type environment which, via the internet, is available at both school and home. Using Google Apps for Education (GAFE) mean that devices do not require software such as Microsoft Office.

GAFE runs on an internet domain owned by the school and is intended for educational use. Once pupils leave Marlborough Primary School pupils will require their own GAFE account.

In addition to Google Apps for Education Marlborough Primary School will utilise website and online services to enhance the learning of students.

Student work and progress in the BYOD classes will be monitored by the teacher using Hapara’s Teachers Dashboard, Which enables viewing and access across all the students work/documents.

Please note that as long as the BYOD device is connected to the school Wi-Fi then it communicates through the N4L firewall and filter. As the GAFE is run by Marlborough Primary School administrators have the right and ability to monitor accounts for policy and security. This means that students and their families should not expect BYOD devices or their internet histories to remain private.

Device options at Marlborough Primary School

As we are starting our BYOD journey at Marlborough Primary School we would prefer that you consider buying a Chromebook.

Check out:

<http://www.pbtech.co.nz/edu/marlboroughprimary>

for some ideas about devices and current prices

Apps/Software to Download

Google Apps for Education works best using the Chrome Browser **NOT** Internet Explorer so please make sure that the device has the free Chrome Browser downloaded.

Technical support

Please note that Marlborough Primary School does not provide any technical support or repair.

Safety Guidelines and Responsibilities

Security:

- Devices are to be held in a lockable cupboard within the classroom
- Devices are not to be used without express permission by the teacher at break times and lunch. If permission is granted then the teacher must be in the room.
- Students are responsible for their own devices. It should be transported to school in a suitable manner and be clearly named.
- No software or updates will be carried out at school on student devices.

Parent's Responsibilities:

- Insurance of the device
- Naming all equipment (including device and its bag)
- Sending a device that meets the minimum requirements

Student's Responsibilities:

- Charging the device at home
- Responsible for the device at school and their behaviour at all times.
- For additional examples of students responsibilities please refer to the "My Digital Citizenship Agreement".
- The use of BYOD/ICT in school should be viewed as a privilege not a right.
- When involved in collaborative group work BYOD students remain responsible for their device when they have given other students permission to share their screen while working with them.

Cyber Safety and digital Citizenship

When a Digital e-learning classroom is started up routines and class treaties are developed to include online safety which is then reinforced throughout the year. At Marlborough Primary School we will be aiming to develop a digital citizen who is:

- a confident and capable user of ICT
- uses technologies to participate in educational, Cultural and economic activities
- uses and develops critical thinking in cyberspace
- is literate in the language, symbols and texts of digital technologies
- is aware of ICT challenges and can manage them effectively
- use ICT to relate to others in a positive and meaningful way
- demonstrate honesty, integrity and ethical behaviour in their use of ICT
- respects the concepts of privacy and freedom of speech in a digital world
- contributes and actively promotes the values of digital citizenship
- capable of showing respect to Myself, Other People and their Surroundings