

FOR DISCUSSION

BYOD at Pukerua Bay School

DEFINITIONS

Bring your own device (BYOD) refers to technology models where students bring a personally owned device to school for the purpose of learning.

We have developed our eLearning strategy with the Board of Trustees and we are now mandating the use of Chromebooks, iPads at Pukerua Bay School. We have had a massive investment from the Fundraising Trust which has enabled us to provide one device per two students.

Our overall goal is to ensure that **every child has access** to an eLearning device when they need it.

To help us move quickly towards this goal we are introducing **a BYOD programme** using chromebooks and iPads. Our reasons for choosing these tools is that they are simple, reliable, and affordable.

Initially this will begin with our Year 6-7 and Year 7-8 classes (Raroa and Te Motu) starting in Term 3 2014. We welcome your feedback:

Please fill in the following survey. There will be paper copies available at the school office if this is your preferred medium.

[BYOD Survey](#)

BYOD FAQs

What if my child breaks the screen or device?

Experience from other schools tells us that students take far greater care for their device when it is owned by them. There are a number of very effective protective cases and covers the school will look into that will be available for purchase from the office. On the rare occasion that a breakage may happen the student/parent is responsible for the replacement of the device.

What happens if my child's device gets stolen or lost?

Again this will come down to the student being absolutely responsible for the device that they own. The school provides space for these devices to be stored. Security settings and

apps like *Find iPad* makes these devices less desirable to steal as they cannot be accessed without their password etc.

What will the mechanisms be to ensure that the BYOD work done conforms to the requirements of the curriculum?

The use of BYOD enhances The NZ Curriculum by opening up access to learning.

What percentage of the class time will be spent on BYOD devices?

That depends largely on what is happening within the classroom. If a student needs a online tutor to explaining the simplification of fractions for example then they may choose this option, especially if the teacher is busy with another student. The use of the device is to simply support their learning the same way crayons or a pencil supports them in art.

How does the BYOD fit in with the enviro school philosophy. Should our children be encouraged to be outside, more in tune with their environment rather than encouraged to use a device to explore the world.

Mobile learning devices enable students to learn in the great outdoors. We have already found these to be valuable tools with our EFS programme. More use of electronic devices will reduce our paper use considerably.

With the kids off to college we want to ensure the device purchased will be usable next year. Will this be the case?

Check with the college your child is attending. Kapiti College uses chromebooks and Aotea uses google apps for education. This is one of the things we took into consideration in relation to our existing year 8s.

Any chance of getting a bulk buy so everybody has the same device rather than everybody being different?

Yes.

My child doesn't have a device, what happens for them?

The school has provided a large number of devices that all students have shared access for their learning.

“Learning is complex work and like other forms of skilled and technical work it requires that the person performing the job understand and be comfortable with his or her tool set.”

eLearning Parent Information and FAQs

You will know that we have an eLearning parent information evening planned for
24th July 2014
6:30 - 7:30 pm in Te Motu

We have prepared this FAQ sheet based on your queries.

We welcome any further questions that you would like us to explore at the evening. Please email them to andrew@pukeruabay.school.nz and tara@pukeruabay.school.nz by **27th June 2014**

What if my child gets into a site they shouldn't?

The filtering systems we are using at school stop this from happening although they are not 100% fail safe. At school we currently use Watchdog and will be moving to [Network for Learning](#) (N4L) this is a Ministry Funded managed network that is currently being rolled out across all schools. The N4L will filter student's access even when they are at school. These filtering systems are robust but not 100% fail safe therefore, it is imperative the students have plenty of exposure and learning around being positive and safe digital citizens. Students need to build skills and knowledge to effectively manage challenges in cyberspace for themselves. As educators we will increase their capability to guide students in building their own cyber safety skills.

How will these devices help my child's learning?

They will help because the technology enables a more personalised approach to teaching and learning. Devices will enable students to lead their own learning, pose their own questions, and find their answers. Students will be able to use a variety of tools to access information from a wide range of sources.

How much time will my child be in front of a device?

Your child and their teacher will be expected to make decisions around which learning tool suits the particular learning task across the curriculum in the daily classroom programme. This could be a digital device, a book, a pencil etc.

How is healthy posture and healthy vision maintained and encouraged?

All our school furniture is ergonomically designed and comfortable and safe for our students. The devices we have at school enable children to learn in a variety of settings, outside, inside, at their desks, and in groups around tables. Children are on the move and are not sitting for hours on end at these devices like you might in a more traditional workplace. The nature of our school day enables children to take regular breaks from using devices and to move around.

What email system is the school using?

We use [Google Apps for Education](#) (which looks similar to a gmail account). Please note that these are not traditional gmail accounts. To ensure student safety, google apps are monitored by the teachers and principal via our Google Apps Dashboard ([Hapara](#)). All student accounts are in our school domain - pukeruabay.school.nz . Students use their accounts for a range of purposes (documents, presentations, email).

How do you know what the children are doing?

All student learning and internet activity is monitored through Hapara and Watchdog. Every teacher can see student's learning and activities anywhere, anytime.

Passwords? Parent control?

The children have a variety of passwords. Some of them are able to self manage this, some have them recorded in a safe place, some have them kept with the teacher and/or their parents. We have the ability to reset forgotten passwords. In some cases the teacher will hold students passwords (especially in junior school) however, it is expected that the students will use and keep their login and passwords confidential to themselves. This is an expectation of developing digital citizenship.

If the school wants to use devices as tools why not invest in the schools own?

The school has invested \$34,000 in iPads and Chromebooks. This has given us a fantastic boost to our eLearning Strategy.

Will this turn the teachers into computer technicians?

No, the school allocates funds each year for a well established company to monitor and troubleshoot our systems. Teachers focus on using the technology for teaching and learning.

The school is providing ongoing professional development to ensure teachers are well supported in redefining teaching and learning using eLearning devices.

How are you stopping them accessing external websites - eg: facebook, minecraft etc?

Pukerua Bay school uses Watchdog which automatically blocks a wide range of websites. Facebook is currently blocked at Pukerua Bay School. Teachers are vigilant when students are using devices. On the rare occasion that students access a site that is not relevant to their learning (eg gaming). The process in the student's use agreement will be followed and we will block the site through Watchdog.

Why should our kids be the guinea pigs, why not stay in sync with national classroom practices.

Our eLearning strategy is fully committed to the nationwide Ministry of Education eLearning initiatives and the NZ Curriculum.

Primary school students are too immature to use social applications so why are you using Edmodo?

Edmodo is a classroom management system that uses the social networking model. Only students in the classroom, the classroom teacher can access it. It is not in the public domain. Edmodo and other such sites are safe environments for students to develop digital citizenship behaviours. The students are reading, writing and communicating, and learning appropriate use of these sites. The site allows the classroom to have enjoyable collaboration and interaction (eg quizzes).

Is school in touch with other schools that are developing their eLearning processes?

Yes we are. Andrew and Tara (our eLearning leaders) visited a large number of schools, using eLearning tools and strategies, last year and this directly shaped our eLearning strategy. Our learning in this area is ongoing and we take up any opportunities that present themselves. For example our management team attended a seminar from an international speaker (Abdul Chohan) who has successfully implemented eLearning in his school with great achievement results. Also our teachers are being invited by the wider educational community to share our eLearning experiences and knowledge with other schools at educational forums.

Homework seems to be fixated on computer use, is this the kids take or reality?

This is the kid's take. The children have got the choice about how to present their homework. We have been impressed with the diverse choices children have made in presenting their homework such as pottery, worm farms, posters, books and iMovies. We intend to continue welcoming this diversity and creativity.

How is device sharing, virus and physical damage going to be managed. Can the infrastructure cope?

We have a very well established infrastructure that has recently been upgraded. We have a very well established IT company monitoring and supporting our devices and infrastructure within our school. The system has plenty of capacity to cope with the increased amount of devices that have come into our school.

Will the decisions you are making at Pukerua Bay School translate to further education?

We have liaised with colleges that our students are likely to attend. Our choices around eLearning devices and infrastructures are consistent with these colleges. For example, Kapiti College, Aotea College, and Wellington High use Google Apps for Education. Chromebooks, iPads, and Laptops are commonly recommended Year 9 devices. There is an expectation within education that children will use digital devices in their day-to-day learning.

Has school got a strategy and implementation plan put in place?

Yes we do. This has been reviewed and approved by the current Board of Trustees.

How much support will the Ministry provide (resources, teacher education)

The Ministry has provided our infrastructure such as fibre and connections. It is anticipated that we will be a part of the Ministry's Network for Learning by 2015. The Ministry provides funds in our operation grant every year to support ICT technical support, professional development and tools. Here is the latest future focus from the Ministry - [click here](#)

I would like to see afternoons without electronic devices - where all children put them away so there is downtime.

The devices will be used at various times as part of the normal classroom programme.

Will there still be a focus on the basics (e.g spell checker vs spelling)?

The NZ Curriculum drives all teaching and learning at our school so programmes such as our school wide spelling programme will continue. The major change is how we can redefine the basics through the use of other tools.

***“If we teach today as we taught
yesterday, we rob our children of
tomorrow.” - John Dewey***