



Leading a School through BYOD (Bring Your Own Device)

BACKGROUND

For the last 3 years your staff has undergone significant professional development on 21st Century Learning and Pedagogy.

They have been encouraged to experiment and try new ways in particular with regard to using the internet and **web 2.0**(read and write) type activities and content.

The staff have expended significant time in putting content and resources on the schools **learning management system(LMS, moodle, google docs e.t.c)**

Over the last 18months it has become almost impossible to get class time in any of the computer labs /PoDs let alone a consecutive sequence of lessons.....

The school has Ultra Fast broadband and a strong wireless network and allows students to bring their own wireless internet capable device to school but students rarely do

KEY ISSUE

- A) An increasing demand through curriculum for access to computers and computer technology.

Budget wise this is a demand that the school cannot meet by increasing the number of computers in the school, as it is maintaining the current plant is expensive.

Yet in the world our students will move into either as a professionals, as a trades person or as laborer they will predominantly use computer technology.

Consideration 1

You are one of the schools senior management team and in an after school meeting have decided to make it compulsory for all students to bring a wireless computing device to school

OK so what now?

- ***What considerations have you got to take into account ?***
- ***How will this project be managed?***

Consideration 2

You are a member of Orewa College Board of Trustees and the Principal has tabled the proposal below that will require all Y9 (8) students next year to bring a wireless internet capable device to school.

In 2012, Orewa College will require you to purchase a one to one computer device for your Year 9 student to have with them in the classroom.

What is a one to one computing device?

It is a personal laptop, Netbook, Android Tablet type computer, or an iPad.

Why is this a vital part of your son or daughter's education into the 21st century?

1. Learning:

Since the year 2000, this trend has been evident in many school systems around the world.

Learning has been shown to improve with access to a one to one computing device. Time spent on the process of research, writing things down and pulling all the information together is saved, and more time can now be spent with the teacher, guiding the student through the process of making sense of that information and analysing it.

2. Resources:

On its own, Orewa College cannot continue to expand its computer network to allow one to one access for students. The New Zealand Curriculum document and also the Ministry of Education Digital Horizons document looks at students for the 21st century and the world they are going to live in. State secondary schools will not be able to keep up with this demand.

Discuss the issues that may arise with this decision from the perspective of the Board of Directors of a School.

Consideration 3

You are a parent and have received the following letter from the school. You are invited to attend a meeting to discuss this initiative. What questions or concerns do you have?



19 September 2011

Dear Parent / Guardian

**Year 9 One to One Computer Devices at Orewa College for 2012
Why Orewa College is going Digital - to provide the best possible education with the best possible tools!**

As you will be aware from enrolment, Orewa College is grasping the opportunity to step into the 21st Century with the latest technology available. We believe all schools are moving in this direction, and for us, 2012 is the year to start.

In 2012, Orewa College will require you to purchase a one to one computer device for your Year 9 student to have with them in the classroom.

What is a one to one computing device?

It is a personal laptop, Netbook, Android Tablet type computer, or an iPad.

Why is this a vital part of your son or daughter's education into the 21st century?

1. Learning:

Since the year 2000, this trend has been evident in many school systems around the world.

Learning has been shown to improve with access to a one to one computing device. Time spent on the process of research, writing things down and pulling all the information together is saved, and more time can now be spent with the teacher, guiding the student through the process of making sense of that information and analysing it.

2. Resources:

On its own, Orewa College cannot continue to expand its computer network to allow one to one access for students. The New Zealand Curriculum document and also the Ministry of Education Digital Horizons document looks at students for the 21st century and the world they are going to live in. State secondary schools will not be able to keep up with this demand.

Orewa College Parent Requirement from 2012

Orewa College students, who will be Year 9 in 2012, will be required to bring a one to one computing device to school. Our preference for that device will be the Apple iPad 2.

As this is a significant change in the requirement for Year 9 students, there will be a meeting for parents of Year 9 students, new to Orewa College in 2012, on:

Thursday 29 September at 6.30pm in the Orewa Arts and Events Centre.

This will be a time when we can answer your questions regarding the requirement and give you some advice as to where you may purchase one.

I will attend those meetings, alongside teaching and senior staff members, where we will have iPads available for you to pick up, look at, try, assess and experiment with.

This is an exciting phase in educational delivery and we are pleased to be able to offer this to your student. The school is very positive about this transition and we are confident that parents and caregivers will embrace this educational opportunity.

Yours sincerely

A handwritten signature in black ink, appearing to read 'K Shevland'. The signature is fluid and cursive, with a large initial 'K'.

K Shevland
Principal

Consideration 4

You are a staff member at Orewa College in June 2011 and the senior management have made the following proposal and asked you to work in small groups to discuss the issues that may arise around this decision.

On its own, Orewa College cannot continue to expand its computer network to allow one to one access for students. The New Zealand Curriculum document and also the Ministry of Education Digital Horizons document looks at students for the 21st century and the world they are going to live in. State secondary schools will not be able to keep up with this demand.

So in 2012 we will require **all Y9 students** to bring an internet capable device, with a view to roll out the program in subsequent years.