BYOD (Bring Your Own Device) Session 2: Parents/Guardians

Moving forward to sustainable 1:1 programs at Buninyong Primary School.
Why did we set out on a BYOD path?

Greater Access

Greater Bonds

Greater Differentiation

Greater Engagement

Greater Outcomes

Greater Opportunities
Why are we considering BYOD?

Greater Access

Current average of student time on devices

12-15 mins/day

Pressure from Students

"Let me learn in my world".
Why are we considering BYOD?

Financial Pressures

Cut backs

Opportunity

9/10 of our students will be heading into jobs where high-level ICT skills will be paramount.

Digital Citizenship

Moving into a world with more tech, requires a different type of citizenship.
1-to-1 Trial Schools and BYOD

The best thing about BYOD is that there have been many schools that have already gone down this path and we are consulting with them to ensure our model will not only compliments traditional methods, but increases student stimulation and

Schools in our region that have already gone down this path:
<table>
<thead>
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<th>Pre 2009</th>
<th>2009</th>
<th>2012-Now</th>
<th>Future?</th>
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<tbody>
<tr>
<td>5 Desktops in each class</td>
<td>1-to-1 Netbooks (6)</td>
<td>1-to-1 Netbooks (5/6)</td>
<td></td>
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<tr>
<td>5 Desktops in each class</td>
<td>6 iPads per grade (P-4)</td>
<td>1 Computer Lab</td>
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The Journey So Far:

Create a Proposed Action Plan

Present the notion

Identify Stakeholder Thoughts

Liaise with Other Schools

Develop a List of Recommendations to Stakeholder Questions
Where to next?

Present a list of recommendations for discussion by PLPs, Staff, Parent Forum and School Council.

If endorsed, continue development of program.

Inform community of decisions made and hold information sessions to prepare for 2015.
Our recommendation:

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<th>Start in 2015</th>
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<td>Start with <strong>1 or 2 cohorts</strong> - We're thinking <strong>GRADE 4 and 5</strong> with a carefully selected group of teachers who would drive the program.</td>
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<td>The teachers would participate in extensive <strong>training</strong> throughout term 4 and into 2015.</td>
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<td><strong>A tablet device/device range</strong> will be recommended and communicated to parents by the end of term 2.</td>
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<td><strong>A pre-determined set of apps</strong> for a tablet device would be developed and parents would be made aware of prior to 2015.</td>
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<td><strong>Guidelines and a policy</strong> will be developed throughout the rest of the year, taking on all feedback from our forums, to be endorsed by school council to ensure the devices are used to their maximum capability.</td>
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<td><strong>Forums</strong> will continue to be held to inform parents and students on the program and to assist in teaching the 'how to' processes that will need to be known.</td>
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- If we go down this track, BPS will ensure all children will have access to devices.
Factors underpinning our recommendation:

The following factors have been identified in our 2 PLP meetings, school council meeting and previous forums with teachers and parents.

- Not **biting** off more than we can chew
- Smaller scale means more **affordability** for parents
- Other **schools** are doing this well.
- Strong **support** from PLPs and staff to give it a try.
Why year levels 4 and 5?

- P-2 - Foundation of school **routines, rituals** and developing an inquisitive mind.

- Netbook **lease** about to finish for 80 devices, with the remaining 80 devices to have their lease expire at the end of next year. Meaning 1:1 would not occur for next years' grade 5 students.

- **Usability** enhanced in the older years where students can easily manage apps, save to the cloud and utilise out-of-school learning platforms such as Edmodo.
Questions, Queries and Recommendations

Our thoughts to move forward.
What applications do we pay for?
Our recommendation is that there will be a predetermined set of apps that will be distributed before the program begins that will keep cost in mind.
Can it be locked so that kids can’t download extra applications when at home?

The answer to this is that both iOS and Android devices can have password protection to stop app purchases and we intend to teach parents on how to do this in a special parent teaching forums on account management.
Will it be bring your own XXXX or choose your own device?

Our recommendation is that we do not open up all devices to bring – This is fundamentally built on teachers being able to manage 1 platform, compatibility and consistency.
What about protocols?
Our recommendation is that the eLearning team work with staff to create a list of protocols and guidelines to ensure proper and effective use of the devices.
Will you ensure parents are trained in programs / devices?

Recommendation is that we conduct parent training sessions on the use of the device throughout term 4 and into the new year to assist in maintaining the bond between home and school.
Could the school do bulk buying?
Our recommendation is that as a school we negotiate with providers to find the best price for the device that is selected and payment options are then given to parents to decide upon.
Device repairs, upgrades etc.? What will happen with these..?

The Department does not have insurance for 3rd party items at school, this includes items such as student-owned and staff-owned belongings.

Our recommendation is that the device be a listed item on your own contents insurance.

"Specified Portable Items" - RACV
$2/month.

We will work with the kids to minimise the risk of them being damaged, cases, kept inside, store in secured places.

In the case of contributing negligence, we will need to contact both parties and work out an arrangement.
Maintain interplay between ICT & non ICT world! E.g. (the non ICT environment).
Non-device time?
Recommendation is that we have a balanced approach to using the devices along with traditional teaching methods.

We want to compliment learning, not remove traditional teaching methods.

This will be a large focus of term 4 professional development for staff in ensuring that we create a balanced learning environment where both traditional and non-traditional methods are used.
Will there be content filtering on the BYOD?

There is a filtering service provided on the EduSTAR network (our school network) that is maintained by the Department of Education to ensure students access appropriate material. We will also develop guidelines to assist students and staff to best utilise the devices.

We recommend that parents look closely at their ISP settings and filtering at home to ensure security and safety is also maintained. We will also hold information sessions/or information guidelines on how to do this.
Safety of devices?
Recommendation is that safety guidelines be developed within the school’s BYOD policy (To be developed).
Integration of pen/handwriting technology?

Our recommendation is that we continue to look at innovative, creative and fundamentally, educational ways to best utilise the device.
What about eye health, posture, etcetera? How will you ensure this is maintained?

Once again our recommendation would be to develop guidelines and to work with students and staff to ensure this risk was minimised.
iPad 2 or iPad 1? What level of BYOD? Eg. IOS, Android, Windows only? Tablets only?

Recommendation – Regardless of which device is selected, we recommend that we go with the later models for supportability, but there is no reason why children cannot bring an older device that may or may not have compatibility with the most modern apps.

Continuing research into the device is still currently occurring and we have not yet, made a choice, but will hopefully do so by the end of the term.
Mobile device management?
Our recommendation is that there will be no need to manage devices as an institution. The devices will be used as a personal device and as such, students/parents will manage the device together.

We understand the need to structure time to teach children/parents on how to install, delete and manage apps and settings on their devices.
Don’t you think younger children won’t be able to look after and care for the device to keep it safe?

From our experience with the devices that we have already is that the children really cherish them and look after them well, with only 1 cracked screen from an accident for the past 2 years (120 iPads).
How will you minimise inequality?  
Our recommendation is that in our day and age, we have to recognise that there will always be some sort of inequality.

Our role as educators of 21st Century students should not be to restrict all access until everyone can have one.

Our aim will be to provide all students with access to the latest technology. If for some reason, they do not have their own device, they will have access to some devices during the school day.

This will not disadvantage the access to the curriculum
Content consumption vs content creation.

Our recommendation is that teachers are adequately trained in utilising the devices to ensure student outcomes are improved through the use of the device. We also understand that these devices will be the personal property of students/parents and within our BYOD policy guidelines will be set as to using the device at school and home.
Theft/breakages. Who is responsible?
The Department does not have insurance for 3rd party items at school, this includes items such as student-owned and staff-owned belongings.

Our recommendation is that the device be a listed item on your own contents insurance.

We will work with the kids to minimise the risk of them being damaged, cases, kept inside at all times, stored in secured places.

In the case of contributing negligence, we will need to contact both parties and work out an arrangement.
What IT support will be given?

Our recommendation is that due to the devices being owned by the individual and the department not providing any additional technical support, that the school will assist by identifying suppliers that can help with technical issues.

Teachers will also be trained in dealing with network access issues and if time permits, our technician may be able to assist with more difficult issues.
Where to next?
Discussion:
Research Docs:

- BYO research project
- Bring Your Own Device (BYOD) in Schools
- 2013 Literature Review
Thank you for your thoughts!

mcglynn.scott.s@edumail.vic.gov.au
So why are we considering BYOD?

Some fun facts:

In 1998 Google

In 2001 last year's grade 6s were born (Age 0).

In 2001 Wikipedia (Age 0).

In 2003 (Age 2).

In 2004 (Age 2).

In 2005 YouTube (Age 4).

Reality Check