

Learning from the Innovators

Summary of Apple Bus Trips for the last 15 Years

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Proposal for Enhancing ICT at xxxxxxxxxxxxxxxx

Intention

Short Term Goals (<6 months)

Long Term Goals (>6 months)

Dreams and Schemes

Indicators

Key Areas:

Leadership (L)

Professional Development (PD)

Access and Plant (AP)

Philosophy and Culture (PC)

Integration and Curriculum (IC)

Great Ideas and Thinking Skills (GT)

Proposal for Enhancing ICT in Many Schools

Intention

To create an integrated e-learning environment! (L, PD, AP, PC, IC, GT).

To have a shared leadership and vision that continues to nurture excellence throughout the school, utilising all ICT technologies to prepare children for an increasingly mobile delivery of their education. (L, PD, PC)

To ensure we continue to be aware of and incorporate the latest technologies into our programme to enhance student learning.

To identify key methods of communication with a global audience to celebrate our children's learning. (L, PD, PC, AP, IC,)

ICT as an Integral part of learning not for ICT sake.

To identify specific areas of excellence and work towards setting goals to further enhance practise and application. (L, PD, PC)

To engage students in their learning and continue with the Integration of ICT.

Our children will become creators of content and be able to confidently choose ICT tools to express their learning.

* **To increase use of ICT in all areas, school wide.**

To have a supportive, enthusiastic, dynamic staff that integrates elearning effortlessly within their teaching and students learning

- **Start Small, Get Big! , who are we here for?**

To integrate ICT seamlessly into everyday classroom programme flowing into school and community life. (L, PD, AP, PC, IC, GT)

to integrate ICT seamlessly throughout the curriculum as a way of enhancing learning

Short Term Goals (<6 months)

- Upgrade network to Snow Leopard 10.6 in order to support latest software upgrades with free Ministry software (before it is removed!). (L, AP)
- Become creators of content not just consumers of content- Wiki/Blog, need to review purpose (L, PD, AP, PC, IC, GT).
- Look at possibilities for creating flexible curriculum in our classrooms- weekly contract?(L, IC, GT).
- Development of computer skills and etiquette
- Investigate possible term focuses on DLO's integrated throughout the curriculum- Iplay & PD to accompany the focuses (PD,PC,IC,GT)
- Explore the plethora of opportunities that exist within e-learning through the use of mobile technology(researched trends in technology according to the Horizon Report & Core Ed).-50/50 Ipad Touch for every teacher for PD-Timetabled use for all classrooms for existing school Ipad/new Ipad (to explore possibilities for classroom use) (L, PD, AP, PC, IC, GT).

- Celebrate wall in staffroom for did you know? re discoveries for classroom use with this new technology (PD, L)
- Readdressing our vision for e-learning - do we want to create questioning, problem-solving lifelong learners? (L, PD, AC, PC, IC, GT)
- Developing an Ashley Media Group (TV) (AC, IC,GT)
- No clip art- create all own art themselves or using their photographs (PC)
- Time given to ICT teacher to develop systems and help all teachers out(upskilling students/ teachers) (PD)
- Use E-learning in an integrated and authentic manner (PD)(PC)
- Older children teaching younger children skills & knowledge (PC)(IC)
- Purchasing additional laptops eg 6 laptops in each room (AP) (L)
- **Intranet - design a links page for Acorn students so all computers IN THE SCHOOL have access to the Intranet page which allows to select from literacy or numeracy activities. (Trish and Keely)**
- **Kid Pix PD within school taken by teachers to share ways Kids Pix can be used within classroom programme. (PD)**
- **Training session for children and teachers - Year 1 Keely - Year 2 Trish. These will be up skilling children and teachers and allowing children to empower others in their learning. This we hope will increase usage of ICT across the school. (PD -Trish and Keely)**
- **I - Explore time introduced could be used in ICT blocks to introduce a programme or though Buddy times to develop skills and knowledge of how, what the programme can do. (GT)**
- **Share running record programme with all teachers (PD - Keely and Trish)**
- **Updating of programmes on regular basis (L/AP)**

Photo competition (PD, GT)

Reading onto Garageband (PD, IC, GT)

Use ICT to promote values within the school with songs, music, movies etc. (PD, GT,IC)

Iplay time to explore and then share new learning. (PC, IC, GT)

Use rubrics to assess (PD, PC, IC)

- purchase a data projector (with PD relating to technical and educational use)
- use student's ideas to improve the use of individual wiki spaces to share their work
- trial the use of rubrics with student involvement throughout curriculum areas
- to plan for at least 1 digital presentation per child each term
- to investigate parallel programmes (Apple - PC) to reflect what we've seen on the tour

To get the school website to be more child-friendly and child-oriented. The information needs to be current and easy to upload and access. (AP, PC)

To encourage teachers to start exploring new ways of using eLearning tools to give students an authentic audience for their learning (eg. ePal, blogs, wikis, radio/TV station, ePortfolios etc). (L, PD, GT, IC)

To get the radio station to be broadcasting daily and run independently by students. (AP, GT, PC)

To get the TV station producing a regular show at least once per fortnight. (AP, GT, PC)

- To sit down with the Principal and look at how to develop an eLearning vision that ties into the school vision, is transparent for staff, parents and students and encourages teachers to implement at their own level (L, PD, PC)

- Further develop the MISFM (radio station) so that it has more purpose and is being run daily with minimal input and upgrade from the lead teacher (PD, AP, PC)
- To introduce bi-termly eLearning newsletter with hints and ideas, links to websites, short cuts etc... (PD, GT)
- To re-introduce Mac Attacks that demonstrate ways to use eLearning rather than on teaching skills - help lists and mini videos on server to access if needed and 1-1 offered after that (PD)
- To extend the eLearning team to include someone from each syndicate (PD, PC)
- Staff to be using iChat within the school (L, PD)
- To use three of the new ideas seen in my own teaching next term - 1 idea for each syndicate (PD)
- ★inquiry/learning cycle into kids speak and used in all classrooms! (L, PD, PC)
- ★ Upskilling of staff in different levels - website of the week in admin/newsletter, examples of possibilities. expectation of what teachers should know. (PD,L,PC)
- ★ all updates on computers (snowleopard) (AP, L)
- ★all students bringing in their own laptops (AP, L, PC, GT)
- ★ thorough investigation of how computers are set up and used in the classroom. (IC, PC, L)
- ★ implement a purchasing plan (data projectors, holders from roof, computers - lease or buy cameras) (L,AP, PC)
- ★ create a tool belt and shortcut card (students and teachers) (L, PD)
- ★ children take on responsibility for creating 'How to' Manuals (GT, IC, PC)
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- * Get staff onboard (L, PD, PC, GT)
- * Create a 5 year purchasing plan in conjunction with the BOT and Peter (L, AP, PC)
- * Evaluating use of current computer systems and innovative use of new technologies (AP, PC)
- * Address problems with Internet speed/provider (AP)
- * Operating systems issues to be addressed regarding not being able to update on several/ majority of our machines. (AP, L)
- * Professional Development on easy to use applications (PD, PC, IC, GT)
- * Develop a school wide ICT exposure plan.(L, PC)
- * Create easy to follow instructional resources for basics to most used applications (PD, GT)

Experimental and playtime with iPads and iPods to ascertain where, why and how they will directly benefit our children's learning and our staff's teaching. (L, PD, PC, IC)

Explore the teachers gaining access to YouTube to enhance their classroom programme and expand their resource base. (L, PD, PC, AP)

Developing a Safe Citizen Cyber Programme with all staff that identifies the key elements that we want to nurture in our school community. (L, PD, PC, GT)

To identify what key areas of Digital excellence staff would like to pursue as a whole learning community. Eg Wiki's. (L, PD, PC, GT)

As a Leading Learning Community, in order to immerse all staff in the mobile delivery of information, in partnership with the Board Of Trustees, offer the staff the opportunity to purchase and own an iPod Touch through a 50/50 purchase scheme. (L, PD, PC)

- Layout not in a pod – i.e lined up so the teacher can see all the screen
- Athletics

- Green screen set up to access easily with a firewire straight into the computer– low set up costs
- Projectors on the ceiling in digital rooms – Murray to mount \$40 for bracket
- Roll down screens and speakers for digital classrooms
- ICT shared with other staff members
- Promoting good use of skills within staff
- Children not being allowed to use clip art – create their own work
- Digital classes and the fair use of equipment for students – all on the same base with every child entitled to use the same equipment
- Monitoring student use – something to prove who is using what and when
- **Garageband / Podcasting**
 - Garageband for podcasting
 - Podcasting as a reading activity
 - Retelling a story with music and sound effects
- **Keynote**
 - Hyper-linking between slides
 - Poems into keynote with the reading of the poem from garageband
 - Inserting pictures from the internet, kid pix and photos
- **Photobooth**
 - Puppet show
- **i-movie**
 - Making movies
 - Learning processes
 - Movie night
 - Junior kids
- Optimise use of existing equipment to its full potential. (PC, AP) R&A
- Make class website more up to date, more interactive, more children's work (AP, PD) A
- Make a hand-held thinking tools key ring that children recognise. (GT, PD) A
- Improve the structure of the radio station. Provide a planning template, and encourage radio protocols. Children's podcasts going out over the radio eg: junior children's iread. Perhaps link to the arts Term 4? Talk to Simon. (AP, L) R
- Train up some class ICT experts to support the children's independent learning. (PC) R&A
- Inject iread, kidpix, keynote and pages into existing literacy programme. Publish these to website. (IC, GT) R&A
- Link the Year 5 and 6 class with ipals. (IC, GT) R
- imovie PD- (iplay with the class) and make a class imovie (L,PD, IC) R&A
- Initiate conversations with parent community re: advice for children purchasing laptops to bring to school (L)
- 1 projector at least per syndicate (AP)
- Wireless mouse and wireless keyboard (\$100) (AP)
- E learning team with a rep from each syndicate (e learning team become mentors for other adopted staff) (L, PD, PC, GT)
- Buddy system-older students with younger students (PC, IC, GT)
- Structure for minimum requirements of what students should know eg NE - Yr 2s basic operations (turn on/off, saving files, kidpix) (L, PC, IC)
- Touch typing skills (IC)
- Teacher/student friendly furniture (eg jellybean tables) (AP)
- Wiki or Blog for all Teachers (PD, PC, IC, GT)
- 1/2 hour Mac Attack sessions - optional attendance (L, PD, PC, IC, GT)
- Regular email to staff (from ICT team) with tips and questions (PD, PC)

- Book for notices to go around instead of morning tea notices OR a shared electronic email (sub etha edit approx free!! with Apple Bus Tour) (PC, GT)
- ICT tools-microscopes, flips, ipods/itouch, ipod touch (could be used for etap for example when not in the classroom) microphones that plug straight into your laptop for uploading (L, PD, AP, PC, IC, GT)

Long Term Goals (>6 months)

- Widen opportunities for children's individual opportunities -wikis, blogs, epals, skype, media group...(L, PD, AC, PC, IC, GT)
- Entering MADE awards- submissions from everyday classroom work, not specifically made for MADE. (IC, GT)
- Sponsorship/fundraising for ICT (L)
- 50/50 community and school for IPT's (L,PC)
- Purchase of Ipads (L)
- Google docs and gmail accounts (L,PD,AP)
- Projectors in all classrooms (L, AP, IC)
- More tech and ICT support (Physical and financial) (L, PD, PC, IC)
- Radio station (L, AP, PC, GT)
- Specialist ICT/Music/Phys Ed for CRT (IC, PC)
- elearning portfolios/digital diaries (short term for elearning class and Teacher led with their own examples) (PD, PC, IC, GT)
- 2 day retreats for planning at the beginning of the year in a beautiful and expensive location (L, PD, PC, IC, GT)
- At least half a dozen computers in each classroom (long tables along the wall ideal for use and viewing of student work in action) (AP, PC, IC)
- 10 year ICT equipment plan (L, AP, PC, GT)
- MADE awards (PD, PC, IC,GT)
- **Incorporate use of ICT (I movie and garage band) into developing a values programme (creating a School song, Brand, videos about values to show how it should look) (L)**
- **Laptops/Desktops installed in music room to allow children to work on garage band and used for recording. (L)**
- **Create Cheat sheets for programmes to allow and remind children to work independently. (GT - Created by older children?)**
- **WII Mimio Investigation - will it work ??? (L)**
- **Involve children in PD (L/GT)**
- **Discussion/ PD on cyber safety - re Pod Casts and Publishing and Newsletters on Internet.**

Websites used to value children's work needs to be created by the children (ownership) (PD, AP, PC, GT)

Video crews trained in specific roles. A book to write filming requests. (GT)

Once a term children use a form of ICT to reflect, present and evaluate learning (Creators of content not consumers) (L, PD, AP, PC, IC, GT)

Maybe one value focused on each year. (Umbrella theme for the year) (L, PC, GT)

- to adopt Higher Order Thinking tools (HOTS) for use throughout the school
- for students to be able to articulate the type of learner they are and where they are in relation to the HOT
- implement the use of rubrics and for students to be using them effectively for the purpose of assessment
- for students to confidently be able to present their work using a range of digital tools/programmes
- review our current values system and explore alternative ways of incorporating these into school life and learning
- to use our staffroom for displaying explicit school-wide practices
- to ensure that our school practices reflect our vision

To have every class (or team) have a blog that is regularly updated, to share children's learning. (PD, AP, IC, GT)

To upgrade the wireless network in the school. (L, AP)

To get the TV station producing a daily show with minimal teacher input. (AP, GT, PC)

- Construct our ICT integrated class literacy cycle. Sell to staff! (L,PD,PC) R&A
- Children able to select tool appropriate to task and articulate what and why they're doing it. (PC)
- Purchase flip cameras. (one for each class..) (AP)
- Animation entries into MADE awards (IC, PD)
- Development of green screen and a movie making term (built into year planning?) (L, PD, IC, PC)
- NLS movie night (L, PD, IC, PC)
- Including children into PD. Bring them on school visits to witness best practice. (AP, L)
- Timetabled iplay time for staff with students (L, PD, PC)

WHERE TO FROM HERE??? Staff consulted as to what they think is important. (L, PC)

- * **Upgrade of hardware - flow down (L, AP, PC)**
- * **Upgrade of internet/server (L, AP, PC)**
- * **Upgrade wireless hubs (L, AP, PC)**
- * **Professional development opportunities for all staff (onsite as well as off) (PD, GT)**
- * **Promote innovation and enthusiasm throughout the school (GT, PD, L)**
- * **Incorporate ICT into all learning plans - becoming part of all we do. (PC, GT)**
- Develop whole staff visions with e-learning " Sight, sound, motion" (PC) (PD) (GT) (L)
- Simpler Inquiry Model-(Eg I can) very visual and in kids speak (PC) (PD) (GT) (L)
- Consistency of delivery building upon prior skills in e-learning (PC) (PD) (IC) (L)
- The focus should be the process rather than the result (PC) (GT)
- Collaborative of planning across whole school, so aware of prior learning of skills and knowledge. (PC) (PD) (L)

•Expand the vision - where do we want our school to be in 3 years - what do we want our kids to be able to do - what steps are we going to take to develop this? (L)

•C

•Create a long term plan for purchasing, replacing, upgrading etc... so that whole school is well resourced - HD Minos in each class, easispeak microphones, more computers (L, AP)

•Develop more teachers in eLearning - Bus Tours and or similar, specialised training areas... (PD)

- Teachers portfolio for goals, learning and development (PD)
- Each class to have well developed blogs and wikis that shares students **learning** with the community - for these to be valued by the students, community and wider world and used to provide feedback to students (PC)
- An eLearning classroom (L, AP, IC)
- Purchasing of more COWS - **at least** one pod of 16 per syndicate (AP)
- Colour printer - up to A3 size (AP)
 - E learning – meaning everywhere, everyplace, exciting, enabling and empowering
 - Teaching from a wiki
 - Setting up class wiki's
 - Inquiry model visually consistent across the school
 - 3 year roll over of hardware to digital rooms
 - Leasing laptops for digital classrooms (possibly looking at parents paying 1yr +)
 - Hyperstudio - \$170 plus licensing
 - Building literacy cycles around digital learning opportunities
 - Blogs used as a writing tool – reluctant writers
 - Blogging as authentic writing
 - Training days for kids to develop kids skills in chosen roles
 - MADE awards
 - Map tracker – can download and it will tell you about systems your computers can get to and updates available
 - D-ploy program - imaging
- ★all students bringing in their own laptops (AP, L, PC, GT)
- ★upskilling of staff in different levels - website of the week in admin/newsletter, examples of possibilities. expectation of what teachers should know.(PD,L, PC)
- ★ use of wiki and blogs for providing a vehicle for authentic audience (feedback and feedforward) (IC, PC, GT, PD)
- ★ introduce colour and vibrancy into the school. (artwork, murals, visual displays, music) (ALL AREAS)
- ★tech such as art and music to use ICT - soundproof music room or change music room to a soundproof room or seperate room (k4). (GT, L, IC)
- ★reconsider space value in the school (why does the tail wag the dog?) (GT, L)
- ★Bench seats around the school - places for students to sit at lunch (GT, L)

Implementing a Safe Citizen Cyber Programme with the intention of the children become self monitoring and using devices with a positive social conscience. (L, PD, PC)

Develop a school wide communication system using a wiki based system, which would immerse all staff in the use of this area of technology and communication. It would also give staff 24/7 access to school wide information and flexibility when planning their classroom programmes. e.g. PE orders, ICT troubleshooting, hall and field bookings, term, staff, class and library timetables. Through this form of communication and immersion, staff are developing their ICT skills. (L, PD, PC, AP,GT)

Purchasing a pod of 30 iPod Touches to be used in a designated area of the school, to enhance classroom learning. (L, PD, PC, GT)

Purchasing one iPad per junior room to allow for experimentation with this form of technology, with the long term goal of teachers working together to form a vision of how they could be used creatively across the junior school. (L, PD, PC, GT)

Dreams and Schemes

- Digital classes- 1:2 ratio (L,PD,AP,PC)
- Use Wiki as classroom learning centre(IC,PD,GT)
- Influence the 60% not just the 40%(PC)
- SISOMO (PC)
- Excellence(PC)
- Take risks ! (PC)
- Ongoing PD for teachers to ensure innovation and to keep pace with technological developments (PD, L)
- Children leading their learning, making choices in ICT and teaching others. (PC)
- Children to attend PD with teachers (PD)
- Mini Apples - Bus Tour for kids (L, PD, AC, PC, IC, GT)

To have all classes with access to iPod Touch's (e.g. 4 per DC and a pod for other classes to use). (L, PD, AP, IC, GT)

A pod of digital cameras for classes to book and use. (PD, AP, IC, GT)

To keep staff up to date with ICT technologies by regular (optional) ICT PD sessions - ensuring teachers continue to share the vision and stay enthusiastic about using and exploring ICT for learning!!! (L, PD, AP, PC, IC, GT)

To have outdoor speakers for the radio station to give an audience for the lunchtime broadcast. (AP, GT)

To have a media suite with permanent green screen. (L, AP, PC, IC, GT)

TV station (need TVs for screening) (L, AP, PC, IC, GT)

At least one 1:1 elearning digital classroom from Year 3 up (L, PD, AP, PC, IC, GT)

To continue to provide a learning environment that challenges, nurtures and engages all learners working on a basis of shared ownership by all stake holders. (L, PD, PC, GT)

- Allow all staff to have a 'voice' in funding and on-going focus in e-learning (AP) (L)
- All "readers" being made in podcasts from their peers- (creating a school resource) (PC) (IC)
- Option for children to purchase/lease laptop and other e-learning tools (AP) (L)
- After hours learning with e-learning tools (AP) (PC)

To keep pace with the constant evolution in technological developments and allow for experimentation, to ascertain the value of the available technology for our learning community. (L, PD, PC, GT, AP)

- Look at increasing access to Computers in classrooms - could introduce a leasing scheme for parents for children. (L/AP)
- Music Teacher integrating ICT (Garage Band) CRT Release covered by music teacher - Using our Music room to it's full potential. (L)
- I Touches - For teacher to use in their programmes - Group points, running record checker. (GT)
- Mimio or smart board access available to all teachers.
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* All staff on board seeing a vision of e-learning fully integrated into all areas

* Regular and sustained funding

* Some sort of school-home link with use and access to ICT

Canteen courtyard covered (a bubble) to do above - murals, tables, chessboards and other games, etc.

Music is played throughout the school at lunchtime and courtyards have music during lunch.

Removal of M4 computer suite - put the computers into classrooms

Use people from around the world for experts (GT, AP, IC)

Usable media centre with professional development (L, PD, AP, PC, IC, GT)

Film festival (L, PD, AP, PC, IC, GT)

- to add Apple computers to our network
- data projectors in each classroom
- for every staff member to feel confident and enthusiastic about using ICT
- a radio and TV station

All staff moving together in the same direction - understanding the benefit of eLearning to enhance learning (PC)

- An eLearning class in each syndicate (AP)
- All other classes have 1:4 access to computers -laptops and iMacs (AP)
- Students using eLearning within all areas of their learning as a matter of routine (PC, IC)
- Students bringing their own laptops (AP)
- Students able to articulate their goals, learning and reflection as a matter of routine (PC)
- Staff keen to continue developing themselves professionally in eLearning areas (PD)
- An appropriate budget to implement the changes required when they are required (AP)

Indicators

Students able to articulate their own learning.

Students confident and leading their learning.

Staff and students have a shared vision that can be seen in action - Walk the talk!

Integrated use of Apple software (using what we have got to its full potential).

- Students articulate the culture
- Teachers are upskilling and sharing the skills learnt
- elearning is not a "big deal", it's just a part of what they do

To continue to provide a learning environment that challenges, nurtures and engages all learners working on a basis of shared ownership by all stake holders. (L, PD, PC, GT)

To keep pace with the constant evolution in technological developments and allow for experimentation, to ascertain the value of the available technology for our learning community.

(L, PD, PC, GT, AP)

- Students articulating the culture and explaining the tools they use
- Sharing innovation in assembly, on websites and among staff
- Students and teachers learning side by side

Students will be able to articulate with confidence what, where, and how they are learning.

Purposeful use of all available hardware to enhance the teachers and students learning.

- Students to be able to articulate skills and terminology used in e-learning and reflect where to next.
- Students/Parents/ Teachers and community articulate and justify the inquiry (including the e-learning within).
- Teacher using e-learning in innovative ways, able to make mistakes.
- Children to record their reading on podcast

Teachers are enthusiastic and innovative with the technologies they are using for learning in their classrooms.

The website is an interactive tool for learning and sharing learning.

Students are confident and independent using technologies (eg. radio/tv/blogs) and can articulate their knowledge to teach others.

Our hardware/software is up to date and can manage our information flow easily.

Some staff will leave and new/current staff will show the changes in mental models

high level of staff turning up to PD that is optional

Colour in school

staff socialising and this atmosphere will permeate throughout school (continuation of culture)

a half full glass - teachers can experiment and try new learning

WE ARE HERE FOR THE CHILDREN!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

- Staff and students will be able to articulate the school vision/culture

- Students confident and capable and taking risks with eLearning

- eLearning will be embedded in all planning

Students will be confident and competent to use a range of ICT tools independently

Students as teachers (use the middle school to buddy junior school)

Teachers as facilitator

- **Student become confident and teachers of ICT**

- **ICT is imbedded in learning walking around the school you will see ICT integrated in programmes**

Key Areas

L - Leadership

PD - Professional Development

AP - Access and Plant

PC - Philosophy and Culture

IC - Integration and Curriculum

GT - Great Ideas and Thinking Skills

10 Things That Stand Out

1. Clear school visions - skills and values - children are aware of and can articulate it - tool kits
2. eLearning used as a tool for learning and self assessment of learning in multiple areas by all teachers
3. Home school relationships
4. Digital resources that are accessible across the school
5. Excellent use of (COWS) computers on wheels
6. Children able to buy and bring their own laptops from home
7. Good use of Latest Applications (iLife and iWork) supplied by the ministry
8. Projectors in and used in every classroom
9. Students responsible for and creating extra media (radio stations, TV stations, movies)
10. Staff culture - friendly, enthusiastic, passionate and dedicated teachers of students learning