one 2 one iPads for CHPS Senior Students Yr 5 for 2014
Why 1 to 1?

1-to-1 is about learning, not technology. Students need a curriculum that meets the demands of an increasingly globalised and interconnected world in the 21st century.

- What is changing in Education - the least responsive industry to change???
- ICT-rich learning and teaching opportunities can increase student participation, engagement and achievement

The advent of Web 2.0, combined with a range of new technologies, enables teachers to create learning and teaching opportunities that develop the knowledge, skills and behaviours that students require in order to live, learn and work in the 21st century.
Modern Teaching & Learning

Teaching and learning programs that aim to develop self-initiated learning in students, and engage students by increasing independence, extending learning beyond the classroom.

New thinking about content, curriculum planning and pedagogy may be needed in order to exploit the full potential of 1-to-1 learning.

Inquiry Learning

Web 2.0 Tools
Why one 2 one?

Top 10 Jobs 2013 (Forbes) based on income

1. Software Developers (Applications and Systems Software)
2. Accountants and Auditors
3. Market Research Analysts and Marketing Specialists
4. Computer Systems Analysts
5. Human Resources, Training and Labor Relations Specialists
6. Network and Computer Systems Administrators
7. Sales Representatives (Wholesale and Manufacturing, Technical and Scientific)
8. Information Security Analysts, Web Developers and Computer Network Architects
9. Mechanical Engineers
10. Industrial Engineers

http://www.forbes.com/sites/jacquelynsmith/2012/12/06/the-top-jobs-for-2013/
How Quickly the digital world is moving

average desktop 10 yrs ago

- 500 Mhz Processing speed
- 64 MB RAM
- 10 GB Hard drive

iPhone

- 1+ Ghz Processing speed
- 512 MB RAM
- 16 - 64 GB Hard drive
One application, many machines
An audio recorder, digital camera, and camcorder in your pocket!

The power of students hearing themselves and seeing themselves cannot be overstated
Local schools I know are running a one 2 one program

• Wonga Park from Prep to 6
• Kalinda in Yr5 & 6
• Eastwood Prep & Yr4
• Ringwood North - Yr5 & 6
CHPS taking the lead

- We have had many many schools visit and observe our program (Over 40 schools in 2013)
- Teachers & myself have conducted a number of Professional Development session on behalf of the Department
Changes in Education

Our teachers need to understand the importance of the General Capabilities in the Australian Curriculum. Developing these skills is imperative to the development of citizens who can meet the challenges of the future workplace.

General capabilities in the Australian Curriculum

- Literacy
- Numeracy
- Intercultural understanding
- Ethical behaviour
- Personal and social capability
- Critical and creative thinking
- ICT capability

Successful learner, confident and creative individual, and active and informed citizen
iPads in the classroom: The student's perspective

• Changed my learning
• Enjoyed learning new things
• Suitable to take anywhere
• The email helps us communicate with our teachers
• It gives us a great deal of responsibility
• Faster and easier
• A variety of things that help me with my learning
Cyber safety

1. Use a strong password
2. Don’t believe every thing you see
3. Don’t give out any private information
4. Think about it before you send it
5. Don’t post anything rude
6. Make sure you only accept people you know

By Josh Heywood
Antarctica I.L. Expo

Dear ________________

You are invited to our Antarctica I.L. expo!

Date: Thursday 20th September

Time: 2:30pm - 4:00pm

Where: Croydon Hills Primary School senior building

Who: Senior students

What: The seniors are presenting their inquiry learning Antarctica project.

Hope you can come!!

From ________________

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Area
10\times 8 = 80
80 divided by 2 = 40

Perimeter 32 cm
14 + 10 + 8 = 32 cm

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14
8 cm
10

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This is the front view of my robot. My robot’s name is Gizmo. The black button on its tummy gives him special powers such as mind reading, super strength and super speed.

This photo is the side view. In the side view, it shows his arms and you can also see his feet.

This is the back view of Gizmo. It’s pretty much the same as the front view but you can’t see his black button and his feet.
ENAM BUAH-BUAHAN TROPIS

- Belimbing
- Durian
- Rambutan
- Manggis
- Sirsak
- Salak

Symmetry
Student Suggestions

- Take off the spellcheck to help with my spelling
- More checks on them to make sure we have appropriate apps on them
Staff Reflection

- Improved collaboration between students both inside and outside the classroom
- Students taking the challenge to create and present information
- Use of iPads in music, art and IOTE
- Special needs students are highly engaged
- Giving students direct and immediate access to the outside world and the experts in it
- Give students scope to deepen their understanding in a meaningful and personalised way
Issues

• iPads not charged
• Handwriting needs to be a focus
• Backing up device
• Student knowledge and confidence surpassing those adults around them
Care and Safety at school and at home

- Not leaving unattended or open
- Keep in the protective case unless cleaning, making sure these are securely attached
- Cleaning
- Handling of device, place down - not thrown down
- Where does your child use their device at home?
- Do you know what is on your child’s iPad?
You and your child’s iPad

- Restrictions and Settings
- iPads @ home
- What apps and music have they downloaded?
- Use in public spaces
What we’ve learnt this year

- Students are a great source of information
- Time management in the classroom
- Transition into one to one program
- Greater of access to curriculum and homework
- Access to and quality of knowledge and resources has increased
- Evolving focus on eSmart to be implemented
Ownership Options

The market has changed greatly in the last month with the release of the iPad air.

**Purchasing**
- iPad air/iPad mini - 4 still available (in small number) and all are suitable for student use
- available through CHPS portal
- do your own research

**Own**
- Purchase or supply own and bring to school
Insurance & Warranty

Warranty - for new units
- standard is 1 year covers hardware failure
- Australian consumer law should cover warranty issues for the expected life of a device
- very few moving parts to go wrong

Insurance
- purchased iPads list on home insurance
- can be purchased at an additional cost if bought through CHPS Portal
School/Parent/Student Agreement

We developed Acceptable Use Agreements (AUA’s) based on the Dept. Template covering:

- Student responsible hardware use guidelines
- Student responsible online & software use guidelines
- Parent financial arrangement
- Insurance claim process
- Teacher rights to view any content at any time
- Schools right to cancel lease if deemed necessary

It will be signed by all parties, parents, students and school
Home Environment

Wireless access at home, ideally through adsl router and wireless point

It is strongly recommended any digital tools should be used in a shared family space, not bedrooms

Sharing the learning is an important aspect of the power of this personal learning device

iTunes account set up by parents for student with no credit card attached, application downloaded to be checked by parents. Set up with email to parent when any App purchased, even free Apps

Monitoring & Filtering in iTunes & other software is available if deemed appropriate by family

Wireless can be turned off if needed at router
What does it mean to be safe online?

*For students behaving safely online means:*  
• protecting their own privacy and personal information  
• selecting appropriate spaces to work in and contribute to  
• protecting the privacy of others (this can be sharing personal information or images)  
• being proactive in letting someone know if there is something not quite right. At home this would be a parent or guardian, at school a teacher  
• these principles of safety and responsibility are not specific to the web but certainly  
• apply to the use of internet at home and school. Just as in the real world, the virtual  
• world of the internet involves some risks. Schools need positive strategies that help to minimise these risks.
Tips for Parents

- You don’t need good computer skills to help your child learn to use their iPad. Your interest and encouragement are more important than computer literacy.

- Encourage your child to keep their iPad in its protective case. Don’t put heavy books on top of the iPad when it is in the schoolbag or on a desk.

- Remind your child to recharge their iPad overnight to ensure it is ready for each school day.

- Supervise use at home by ensuring iPads are used in family areas rather than bedrooms.

- Consider setting screen time limits to avoid over use.

- iPad needs to be backed up at least once a week - Cloud or Computer.

A range of resources are available for teachers to use to highlight safe and responsible use of the internet as part of their learning and teaching program, see www.education.vic.gov.au/cybersafety
Apps to Get Started
Let’s Put iPads

In their hands