iPads and Inquiry...a recipe for creativity and reflection

Lindfield Campus

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Newington College
Human graphing

http://www.flickr.com/photos/paul.w.locke/282182
iPads are a powerful vehicle for promoting inquiry, creativity and reflection in learning.

An inquiry into:

• Constructivism, inquiry-based learning, creativity and reflection

• Our Journey

• Nifty not necessary - the iPad as a learning tool
Reflective Learning Routines

• Routines exist in all classrooms; they are the patterns by which we operate and go about the job of learning and working together in a classroom environment.

• These learning routines can be simple structures, such as reading from a text and answering the questions at the end of the chapter, or they may be designed to promote students' thinking, such as asking students what they know, what they want to know, and what they have learned as part of a unit of study.

• http://pzweb.harvard.edu/vt/VisibleThinking_html_files/03_ThinkingRoutines/03a_ThinkingRoutines.html
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• Think, Puzzle, Explore about our central idea (pairs or small groups)

• Use Keynote to record your ideas and wondering
What is inquiry?

- Think, Pair, Share
- Divide into three sections and complete a collaborative Y-Chart about inquiry....what does it look like, sound like and feel like?

http://www.lace.org.au/graphics/culture_diagram.gif
Constructivism and Inquiry

- Vygotsky defined learning as “the creation of meaning that occurs when an individual links new knowledge with existing knowledge.”

Williams B. and Woods M. *Building on Urban Learners’ Experiences.* Association for Supervision and Curriculum Development 1997
Constructivism and Inquiry

• Constructivism is a "view of learning in which learners use their own experiences to construct understandings that make sense to them, rather than having understanding delivered to them in already organized form....Learning activities based on constructivism put learners in the context of what they already know, and apply their understanding to authentic situations."

What is inquiry?

- First and foremost, Inquiry is a stance or a mindset.
- Flexibility
- Ownership
- Promoting and harnessing the students' natural curiosity
iPads...our learning journey

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Discover what's possible
iPads...our learning journey

Initial stages of our journey

1:1 - Year 4
1:2 - Year 2
1: Many - available for all classes
iPads...our learning journey

- Consumption v Creation
- 1:1 program in Years 5 and 6.
- 1:many K-4
- File Management
- Ownership
- Parent Information and Partnership
- Focus on the iPad as a learning tool
Our Technology Agreement

We will always use technology appropriately and respectfully.

We will be efficient and on task when using technology devices.

We will be collaborative and share our discoveries with the class.
Surveying the boys

Using my iPad helps improve my learning

Using my iPad has allowed me to learn and express my learning in new and different ways

I prefer the way that I learn with my iPad
Surveying the boys
iPads...our learning journey

Success of the program

• Creativity - options - natural differentiation and use of learning styles

• Engagement

• Celebration of learning - in class and at home

• Speed, flexibility, ease of use

• Staff creativity and ICT engagement
iPads as learning tools

Avoiding....

Nifty not necessary
iPad Wall

Our iPad Apps

- music
- create
- present
- design
- Maths
- collaborate
- share
- communicate
- edit
- write
- record
- film
- draw
popplet: THRASS LL Phoneme

- bill
- pillow
- small
- skills
- falling
- rolling
- hell
- stall
- will
- tell
- billy
- swallow
- ball
- small
- troll
- wall
- tail
- appalling
- million
- killing
- yelling
- tortell
- scientifically
- physically
- billion
- well
- selling
Corkulous

Media can create, alter or manipulate images and perspectives.

Perspective

Communication through different media

Reflection

Communication through different media

I think that my exposition is really good because it was pretty good although I could not get everything right.

Music plays an important part in advertising.

On the 7/3/12, I made a draft for an exposition and it was pretty good as it was the first time I wrote up to 2 pages this year.

Mr. Jones visit about how his job and media is related and it was awesome.
Proper Fraction = \frac{1}{2}, \frac{2}{3}

Improper Fraction = \frac{17}{12}, \frac{19}{2}

These are some examples of a proper fraction.

These are some examples of improper fractions.
Year 5 reflection this term

I think that I have achieved to play more fluently in my music this term.

I think that the group has played really well together and that the music sounds great. It has improved a lot since last year.

I think that getting to play the trumpet was a good choice because I enjoy to play it and continue to learn new notes on the trumpet.
Doodle Buddy
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Use Popplet and the thinking routine 'Connect, Extend, Challenge' to reflect on your thinking from this workshop.
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Anything to share
Email us your Popplet...we'd love to see your connections and reflection.
Recommended Sites

http://ipad.ipadsforeducation.vic.edu.au/
http://ipadeducators.ning.com
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