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Independent Schools Victoria


STRATHCONA
 BAPTIST GIRLS GRAMMAR SCHOOL
 Director of Learning Technologies

The Victorian Information Technology Teachers Association Inc.
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Group Activity
Video report

 A glimpse ahead


In what ways (if any) should this glimpse of the future make a difference to the way we teach today?

use iPad2
 video & download i-Prompt



Activity
Video report

use iPad2
 video & download i-Prompt



Aims of this session

To cover the following:

- Why the iPad?
- How the iPad?
- iPad implementation?
- ICT integration at Strathcona

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Where are you at?


1:1 - no debate

1:3 - more the reality

Laptops - still in question


- Price
- Battery
- Security
- Ergonomics

 **iPads in Schools**

 **iPads in Schools**

28th May 2010

The iPad has changed the landscape of ICT in Education like no other device.

 **iPads in Schools**

instant on

Netbook v iPad

Not a barrier between students & teachers



Small enough to hide but large enough to type, write & draw.

Battery will last the school day



Financial advantages

\$539

\$429

Consider the costs of textbooks and stationary

350,000 + applications

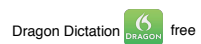
10 Billion downloads in the first 12 months



Applications we are working with at STRATHCONA



Applications we are working with at STRATHCONA



eBooks





Life on Earth

Grade 10-12

Available on iPad

Category: Textbooks

Published Jan 13, 2012

Publisher: Wilson Digital, Inc.

Author: Apple Inc.

Price: Length: 12 Pages

Language: English

Requirements: This book can only be viewed using Models 2 or an iPad. iOS 5 is required.

Customer Ratings

★★★★ (12) Ratings

Description

© J. Wilson's Life on Earth is a new digital biology textbook for high school students now under development by the J. D. Wilson Endowment Foundation. The manual includes a preview of the book and a sample chapter — "Introduction to Ecology" — that introduces students to how biologists think about the variety and patterns of life on Earth.

In the preview, you can see examples of how we teach biology.

• On page 6, the interactive module "DNA Levels of Organization" brings the student into the heart of the cell.

[More](#)

Screenshots

1. Welcome

2. Introduction to Ecology

3. Cells, the building blocks of life

4. DNA: the code of life

5. How DNA makes the body

6. How DNA makes the body

7. Protein: the building blocks of life

8. All living things

9. And cells reproduce

Learning Technologies

@ **STRATHCONA**

Our aim is that every Strathcona teacher will endeavour to provide a 21st century learning and teaching environment that is:

engaging,

innovative,

creative,

informative,

technology rich and

easy to manage.

Traditional teacher-centred learning worked well in the industrial revolution and required a certain set of tools and pedagogy.

doceri

iPad IWB software

BYO Device?

Have things really changed?

Today, a different set of skills are required:

metacognition,

problem solving,

research,

team work and

collaboration.

Horizon Report Trend 1

The abundance of resources and relationships made easily accessible via the Internet is increasingly challenging us to revisit our roles as educators... Mentoring and preparing students for the world in which they will live is again at the forefront. (Horizon Report, p.4)

(<http://wp.nmc.org/horizon2011/>)

Group activity News report

In what ways should Trend 1 of the Horizon Report impact on us as teachers?

Horizon Report Trend 1

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iMovie + i-Prompt

Horizon Report Trend 5

The perceived value of innovation and creativity is increasing. Innovation is valued at the highest levels of business and must be embraced in schools if students are to succeed beyond their formal education. (Horizon Report, p7)

(<http://wp.nmc.org/horizon2011/>)

Interdisciplinary studies in Year 7,8 & 9

Other cool video editing apps

Avid Studio



\$5

1st Video for iPad



\$20

Horizon Report Trend 3

Technology continues to profoundly affect the way we work, collaborate, communicate, and succeed. Increasingly, technology skills are also critical to success in almost every arena, and those who are more facile with technology will advance while those without access or skills will not. (Horizon Report, p.4)

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>> **fronter**
Learning Together



Does your school LMS have an iPad app?



Podcasting activity with GarageBand



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Video helps build a learning community

- * It's a great way to finding out what people are doing, thinking and saying
- * It's a great marketing tool within the school community and beyond

Video editing is the new killer app.

Video editing is the new killer app.

Video literacy is a vital element in the 21st century learning & teaching experience

- * Video is the media of young people
- * Video caters for a range of learning styles
- * Instruction via video is self paced
- * It is an ideal tool for construction of learning
- * It is an ideal tool for reflection of learning
- * Easy to produce, publish and archive

2003 - we started with 2 cameras,
2 iMacs & iMovie

STV
Strathcona Television



Strathy News Updates - on Blackboard



Blackboard

STV
Strathcona Television



VITTA Conference
August 6 & 7, 2014 at Carleton Place, Ontario