

Top Tech Trends - Balanced Libraries:
Books, Bytes and Web 2.0

K-12 Education & The New School Library



Anita Brooks Kirkland

Library Consultant, ITS
Waterloo Region District School Board

New Literacies

The Big Shifts

Just the Beginning



Will Richardson

OSLA Spotlight Speaker, Super Conference 2009

... my own very general estimation is that maybe, maybe 5% of the educational professionals in this country are compelled enough by these shifts to think seriously about changing their own personal and professional learning practice.

<http://weblogg-ed.com/2009/looking-back-looking-forward-slow-blogging-slow-change/>

Together for Learning: Transforming School Libraries in Ontario

Draft February 2008



Now, more than ever, the school library has an integral and transformative role to play in a new vision for education.

School Libraries: Moving Beyond the 5%.





Big Shift #1: Open Content



Podcasts



Knowledge Ontario



Big News

for

Ontario Schools



Google Earth





Big Shift #1: Open Content



PING

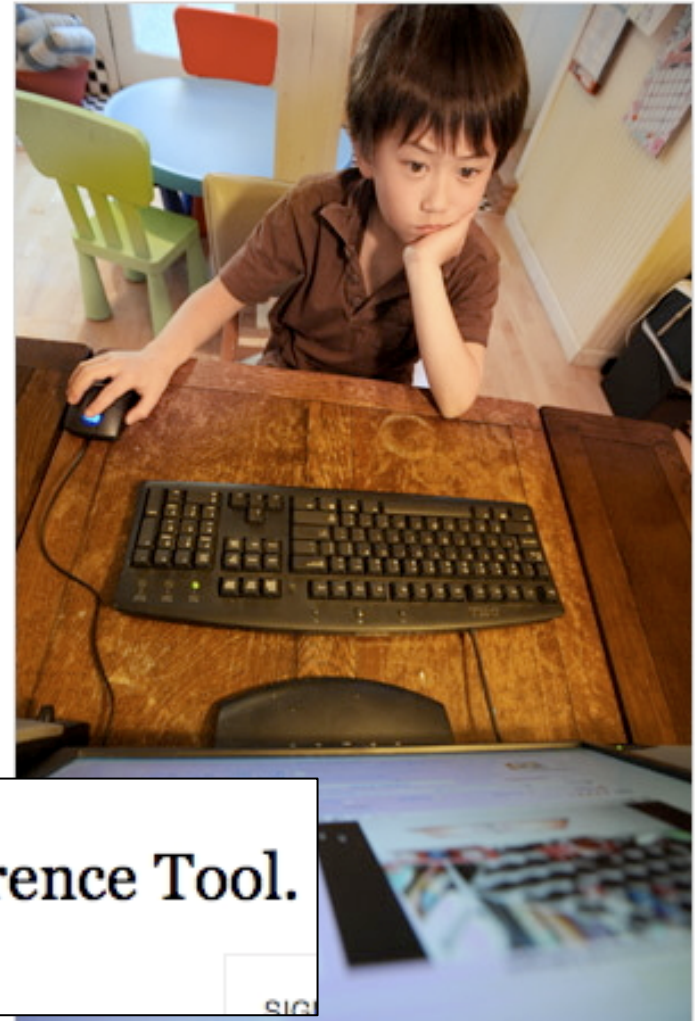
At First, Funny Videos. Now, a Reference Tool.

By MIGUEL HELFT

Published: January 17, 2009

The New York Times

January 18, 2009



Noah Berger for The New York Times

Tyler Kennedy, 9, at home in California, uses YouTube to research reports for school and to hunt tips to advance in his video games.



Big Shift #2: Many, many teachers and 24/7 Learning

Real people.
Real info.
Real time.



askON
online research help



New Research Rooms!
Researching for an essay or project? The Chat Rooms now have research experts to guide you! Click here...

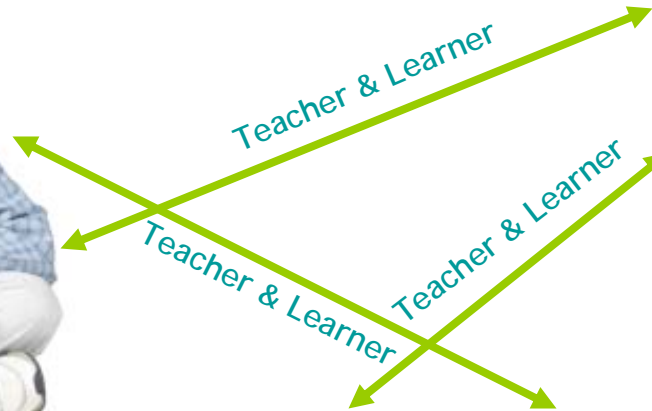




New for Ontario Schools: Virtual Reference



Big Shift #2: Many, many teachers and 24/7 Learning



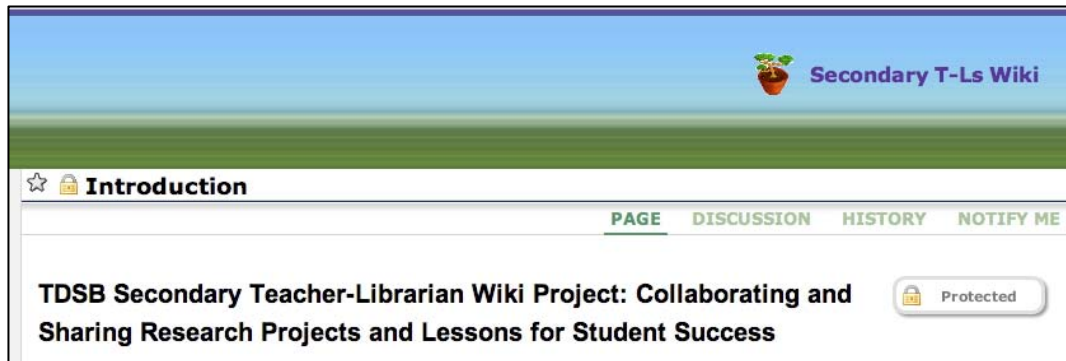
Networked



Learning

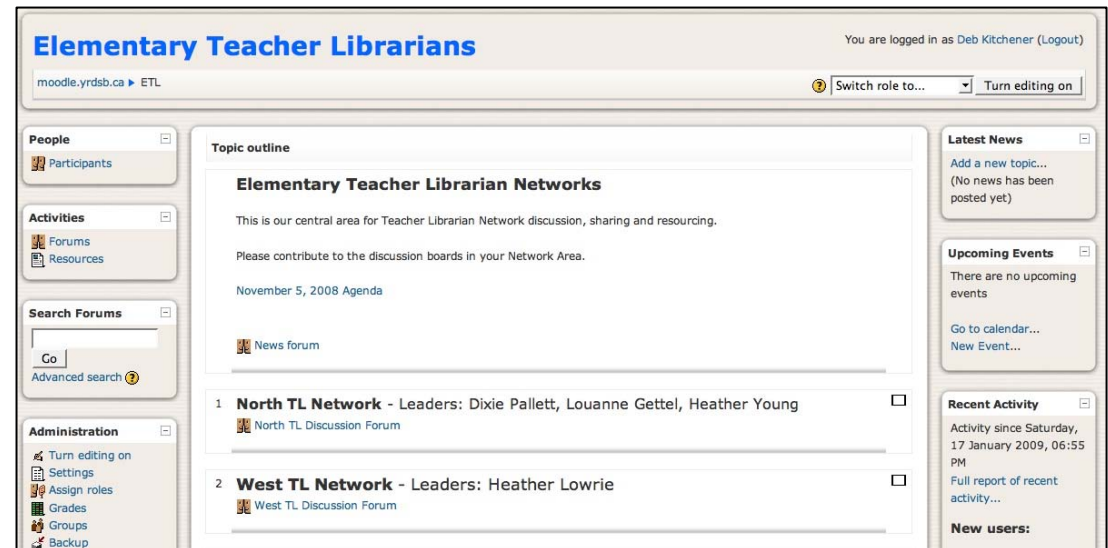


Big Shift #2: Many, many teachers and 24/7 Learning



Toronto DSB Secondary Teacher-Librarian Wiki

York Region DSB Elementary Teacher-Librarian Moodle Network





Big Shift #2: Many, many teachers and 24/7 Learning



Upper Grand DSB Teacher-Librarians' Wiki



Big Shift #3: Social, Collaborative Construction of Meaningful Knowledge



Huron Heights SS Library, Waterloo Region DSB
Marybeth Snyder, Teacher-Librarian



Big Shift #3: Social, Collaborative Construction of Meaningful Knowledge



YouTube Broadcast Yourself™
Worldwide | English

[Home](#) [Videos](#) [Channels](#) [Community](#)

Orange Grove PS Animation Festival 2008

Podkids Australia

A podcast by Year 4 / 5 students in Perth, Western Australia

MON, 10 JULY 2006

Podkids Australia Episode 6 (June 2006)

The latest episode of Podkids Australia is a ripper!

We have been learning about New York, so Tayla will read you her narrative about New York, and Amelia will share her recipe for a healthy hamburger. We interview the Hon Shelia McHale MLC (Western Australian Minister for Indigenous Affairs; Tourism; Culture and the Arts), as well as Miss Terri Van Zetten from St Mary's College in Broome and Cameron's Dad Julian.

The show also includes Scott and Matthew's review of Harry Potter and the Philosopher's Stone, a "Simpsons" story by Tyrin and Brandon, an enormous mailbag segment and some original music by Sonny Combs and Kitty Kat Rodeo.





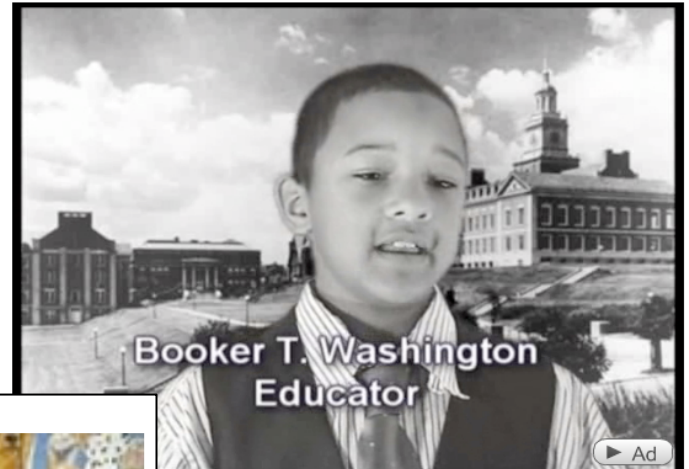


Big Shift #3: Social, Collaborative Construction of Meaningful Knowledge

The Life of Pi



I Have a Dream Black History Month video project II



The Twelve Dogs of Christmas



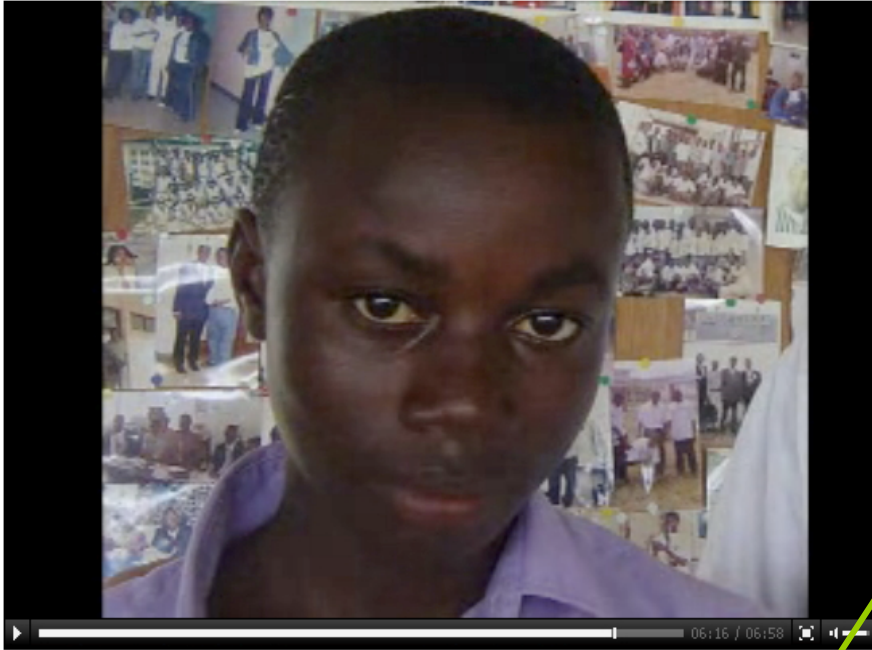
You Tube Broadcast Yourself™
Worldwide | English

TeacherTube
Teach the World



Big Shift #3: Social, Collaborative Construction of Meaningful Knowledge

Our Hero, Mohamed sidibay



06:16 / 06:58

Education Masters Degree
Earn a Master's in Education Online For Active or Certified Teachers
Ads by Google

War in the Congo
Thousands of children and families in the DRC need help today.

Time: 07:01 | Views: 23,355 | Comments: 26
[View Large Screen](#) | [Classroom Large Screen](#)

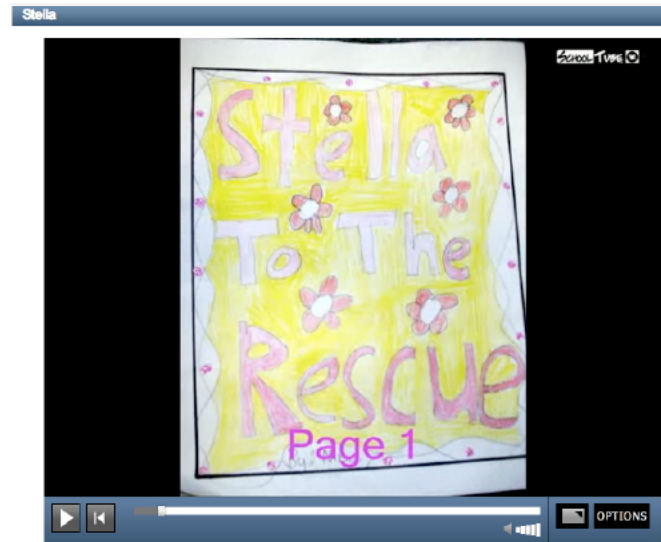
Views: 23,355
Comments: 26

Produced by Elementary
Students in Bradford, ON

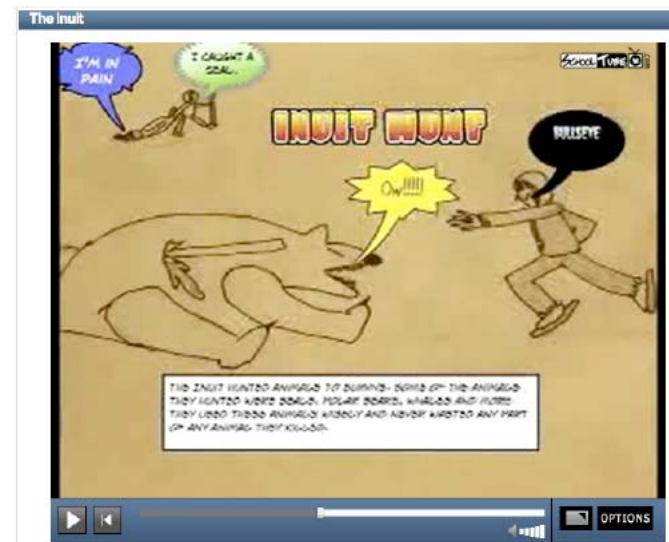




Big Shift #3: Social, Collaborative Construction of Meaningful Knowledge



Digital Story-telling



Research Report



Produced by Elementary Students
from the Toronto District School Board
Katina Papulkas, Instructional Leader



Big Shift #4: Teaching is Conversation, Not Lecture

Glenview Book Blogger

Student to Student Talk About Books

Glenview Park SS Library
Waterloo Region District School Board
Shari Nicholas, Teacher-Librarian

- 📖 Students conversing about their reading
- 📖 Seeing teachers as writers
- 📖 Fostering engagement in reading

Authentic Voice, Authentic Audience

Categories

- » Adventure (44)
- » Announcements (1)
- » Canadian (5)
- » Comics (2)
- » Fantasy (30)
- » Genre (5)
- » Graphic Novel (1)
- » Historical Fiction (7)
- » Horror (7)
- » Manga Anime (4)
- » Mrs. Berrisford (1)
- » Mrs. Nixon (57)
- » Non Fiction (7)
- » Orca (11)
- » Podcasts (3)
- » Romance (27)
- » Schaffner-10 (30)
- » Schaffner-12 (13)
- » Science Fiction (3)
- » Sports (1)
- » Teacher (3)
- » Thrillers (17)
- » Uncategorized (13)
- » White Pine Nominated Books (1)
- » Young Adult (76)



Big Shift #4: Teaching is Conversation, Not Lecture

The Author Responds



3. L.M. Falcone said,

May 30, 2007 at 2:04 pm

WOW! I thought the podcasts were great! Getting authors to answer questions and talk about their books and ideas was soooooo interesting! I can't think of anyplace else where students can go to have an experience like this. You guys are brilliant — absolutely brilliant! You did a fabulous job! BRAVO!!

4. sheree fitch said,

May 30, 2007 at 2:06 pm

WOW! YOU ARE ALL AWESOME!!!!!!

It all looks and sounds fantastic!

Thank you

Sheree



Woburn Junior PS Library (TDSB)
Silver Birch Podcasts and Book Blog
Katina Papulkas, Teacher-Librarian



Big Shift #5: Know "Where" Learning

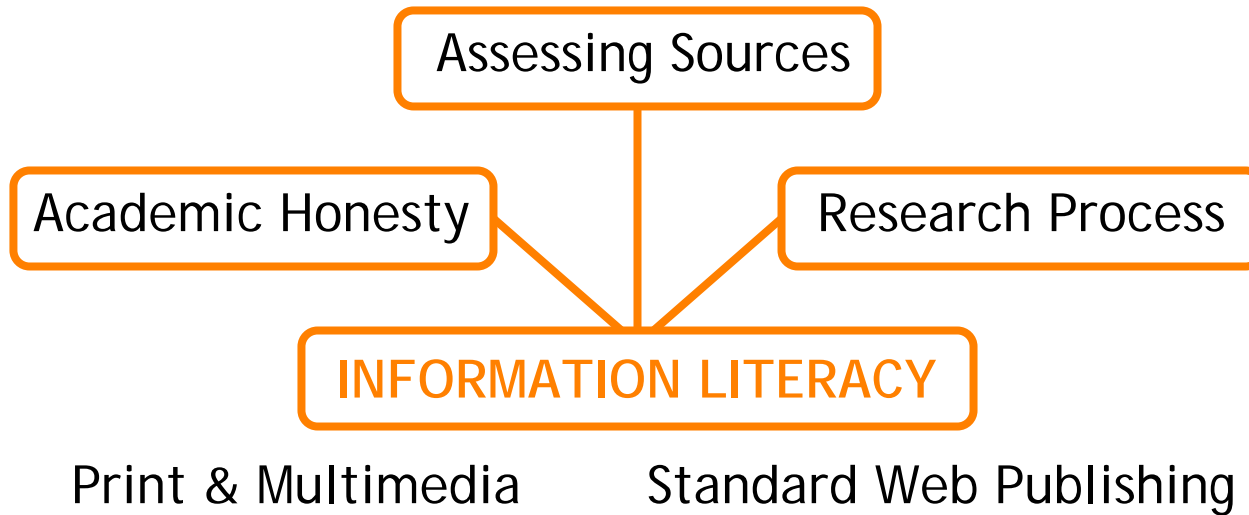


Canadian Information By Subject





Big Shift #6: Readers Are No Longer Just Readers



Print & Multimedia

Standard Web Publishing





Big Shift #6: Readers Are No Longer Just Readers



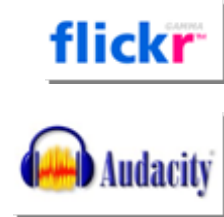
Assessing Sources



Academic Honesty

Research Process

INFORMATION LITERACY



Print & Multimedia

Standard Web Publishing





Big Shift #7: The Web as Notebook

Move to Web-Based Applications



www.schoolinfo.ca/connectingeducation/

Roger Nevin, Teacher-Librarian
Kawartha Pine Ridge DSB





Big Shift #8: Writing Is No Longer Limited to Text



Digital Storytelling

Photo Stories

Podcasts

Vodcasts

Mashups





Big Shift #9: Mastery Is the Product, Not the Test

Mastery Through Performance

Authentic Learning

Podkids Australia

A podcast by Year 4 / 5 students in Perth, Western Australia



SCHOOL TUBE .com

Search...

Home Videos Pictures Categories Educators Contests Partner

Toronto District School Board

Search this school / organ Go

Newest Videos Most Viewed Videos Newest Pictures Most Viewed

Mental Set
Video Duration: 00:35
What story could these photos be telling?
TAGS: Language
Added: 9/15/2008 2:07:58 PM Views: 222

imaginationcorp.net, imaginationcorp.net
Video Duration: 00:29
www.imaginationcorp.net Art video -imaginationcorp.net, www.imaginationcorp.net
TAGS: Animation, Technology, Education
Added: 8/27/2008 8:48:00 PM Views: 258

Stella
Video Duration: 01:42
TAGS: Primary
Added: 8/8/2008 7:38:25 PM Views: 178



Big Shift #10: Contribution, Not Completion, as the Ultimate Goal

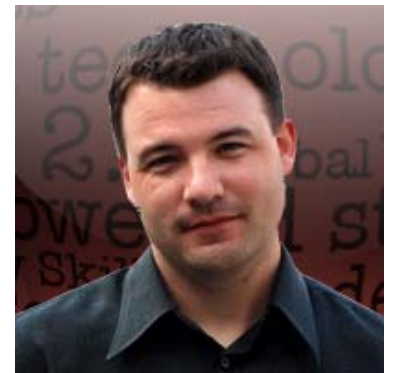
Instead of simply handing in countless assignments to teachers to be read, graded, handed back, and most likely thrown away, we can now offer our students a totally new way of looking at the work they do. It's not meant for the teacher of the class or even the school. It's meant for the world, literally. It's not meant to be discarded or stored in a folder somewhere; it's meant to be added to the conversation and potentially used to teach others.

Will Richardson

In 2009 I think you are going to see us build value into these tools educationally. I'm not convinced that 2009 will be about the next new thing so we (the early adopters) will turn our focus to what we know. The tools, we know, can make a difference in education and we'll help the masses understand those tools better and how being connected fundamentally changes the way we teach and learn.

<http://www.thethinkingstick.com/?p=851>

Implications for School Libraries?



Jeff Utecht

Together for Learning: Transforming School Libraries in Ontario

Draft February 2008



Implications for Schools and School Libraries

Teacher-librarians collaborate with teachers, students, community members and other stakeholders to create learning relevant to the 21st century. In this case, learning moves beyond the school library as a place to 'find stuff' to a place where students construct meaning and contribute their own ideas on the path to deeper understanding.



Re-Connecting



21st
Century

School
Library



PHYSICAL SPACE

Teaching
Space

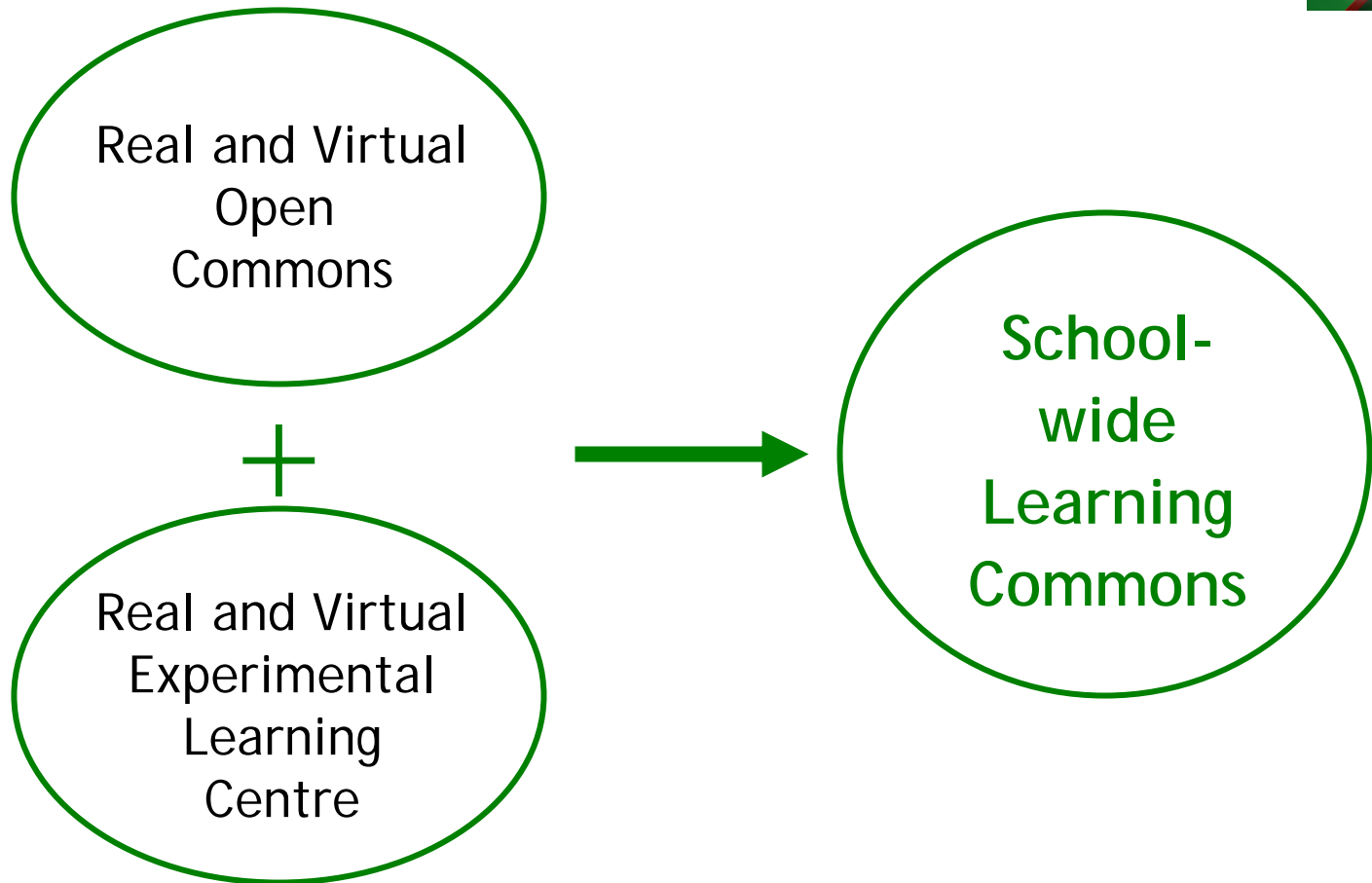
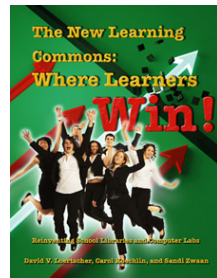
Collaborative
Learning
Space

Information
Space

VIRTUAL SPACE



The New Learning Commons: Where Learners Win! Reinventing School Libraries and Computer Labs



David V. Loertscher, Carol Koechlin, and Sandi Zwaan

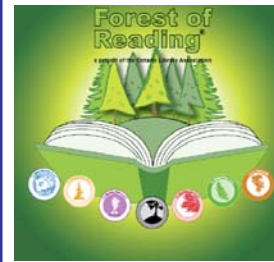
Collaboratively Built: Teacher-Librarians, Teachers, Students

Technology-Enabled District-Wide Library Learning Space

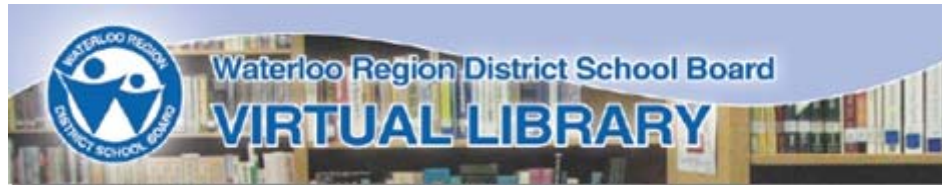
WRDSB
Research
Central

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

District-Wide



Book Blog?



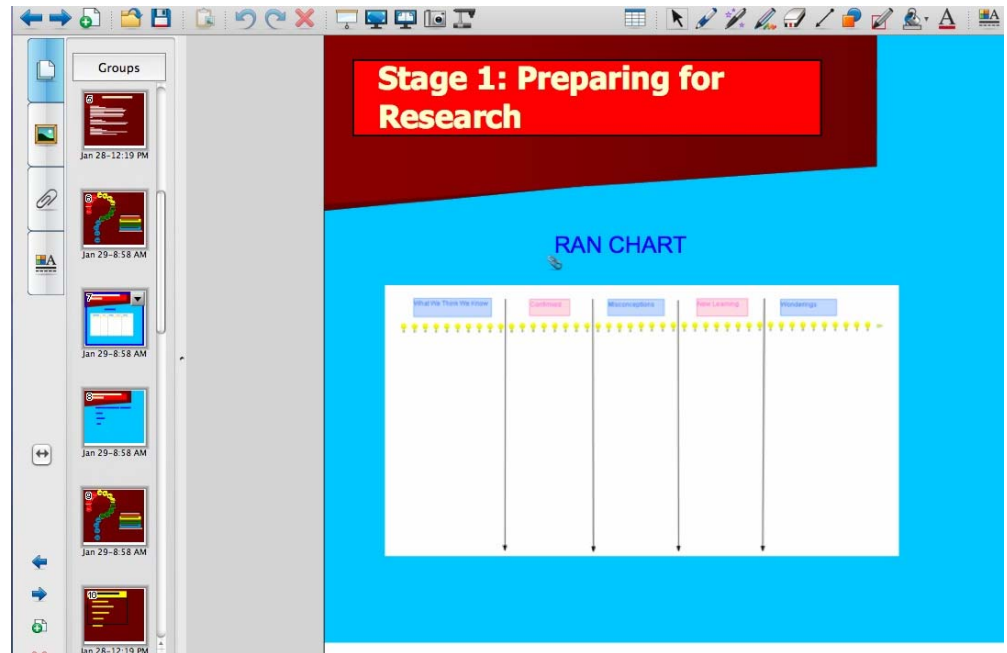
Hosted Internally



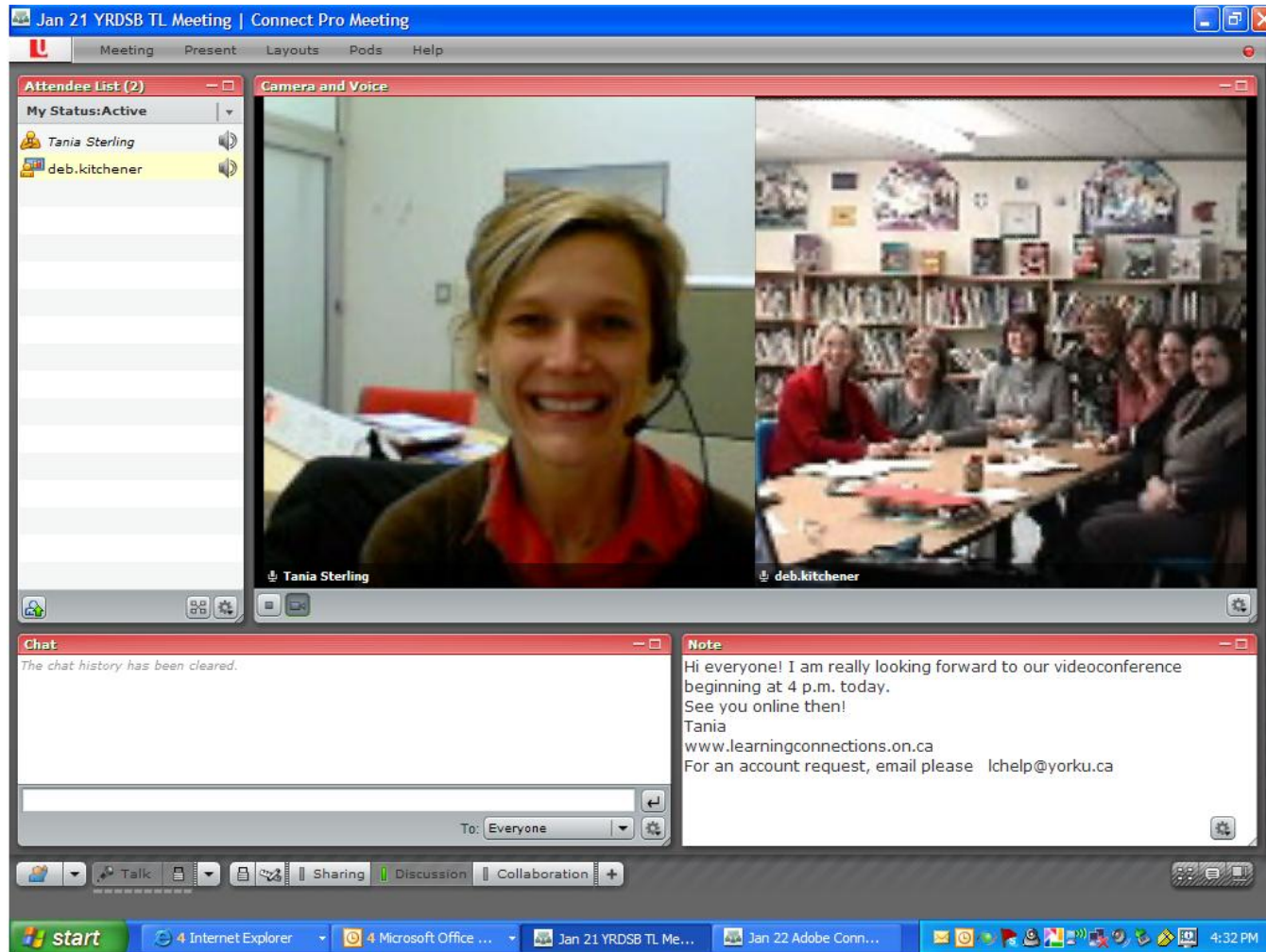


Other Trends: Interactive Whiteboards

York Region DSB
Teacher-Librarians Learning
About *SMART*boards
Deb Kitchener, Curriculum Consultant
Libraries, eLearning & Literacy



Other Trends: Web Conferencing



York Region Teacher-Librarians' Video Conference

Other Trends: Social Networking / Gaming



Grade Level: Primary

Integrating Math:
Data Management & Probability

Diana Maliszewski
Teacher-Librarian, Toronto DSB



Teacher-Librarian Planner – Lesson details

Integrated Social Tools for Learning

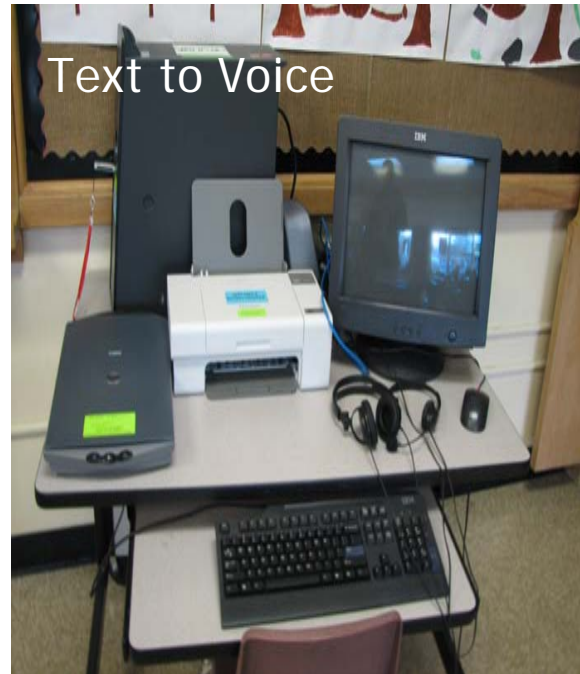
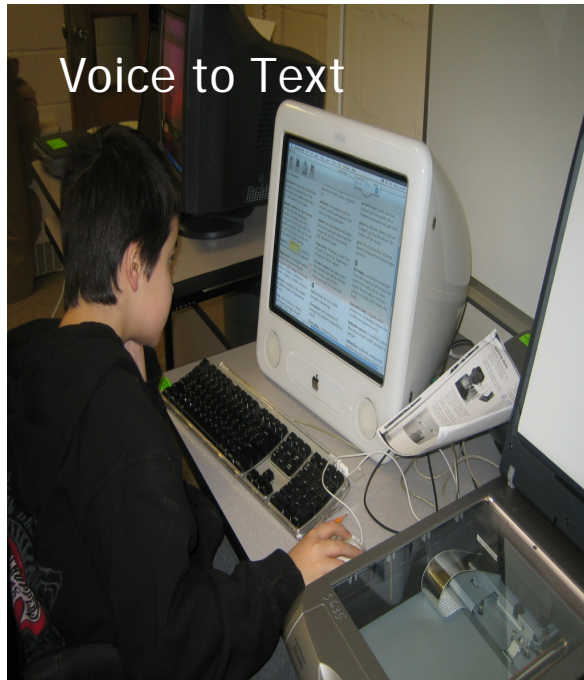


moodle Ning



Game
Theory

Other Trends: Adaptive Technology



Beth Connors, Adaptive Technology Consultant, WRDSB

Implications for School Libraries & Central Libraries

Resources

Services

Teaching Strategies

IT Dilemmas for School Districts

Web Applications?

Social Applications?

Network Security?

Student Email?

External Hosting?

Internal Hosting?

Data Security?

1/1 Computing?

Anonymity?

Self-Defending Networks?

Wireless?

Privacy

Student Safety

Support



Trusting the Cloud?

<http://www.flickr.com/photos/vizzual-dot-com/>

Future of Central Media Libraries?



<http://www.flickr.com/photos/marta/>

Slow demise of the educational video on VHS

Streamed Video

Internal Hosting?

Demands on Network?

External Services?

Enough Data Projectors?

Enough Network Connections?

And Let's Not Miss the Boat

LAURIER Library

Diversity

aboriginal abuse ADHD/ADD adolescents anorexia anxiety asperger's assistive_technology autism
behaviour bias body_image boys bullying censorship chanukah
child_development citizenship classroom_management
closed_captioned collaboration conflict cree culture discrimination diversity dyslexia
eating_disorders emotional_intelligence equity exceptional_children fear feelings gender
gifted girls happiness harassment harrasment health hearing_impaired holocaust
indigenous_peoples interpersonal_relations jewish_religion kindness
learning_disabilities learning_environment learningstyles
mainstreaming multicultural multiple_intelligence neurological_disorders
obsessive_compulsive physical_disabilities poverty privacy procrastination psychology
race self-confidence self-esteem sharing social_acceptance social_skills society
sociology special_ed stereotyping tolerance traditions united_nations war women working

(Faculty of Education Support)

Collaborative Tagging



Learning On Demand

Investing in the In-Betweenies

Space In-Between: Sometimes synchronous and sometimes asynchronous online spaces.

Children today spend a lot of time in this new time zone - research suggests it's not as pressured or adversarial as synchronous activity; there is more time for reflection and research before responding. But schools, with their rigid "time" tables are largely absent from this new learning space.

<http://www.guardian.co.uk/education/2008/mar/18/link.link27>

Stephen Heppell

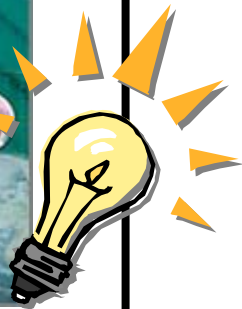
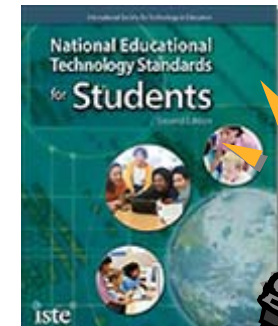
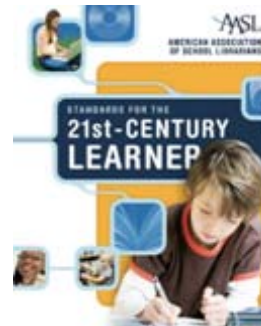


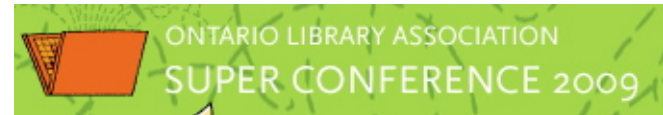
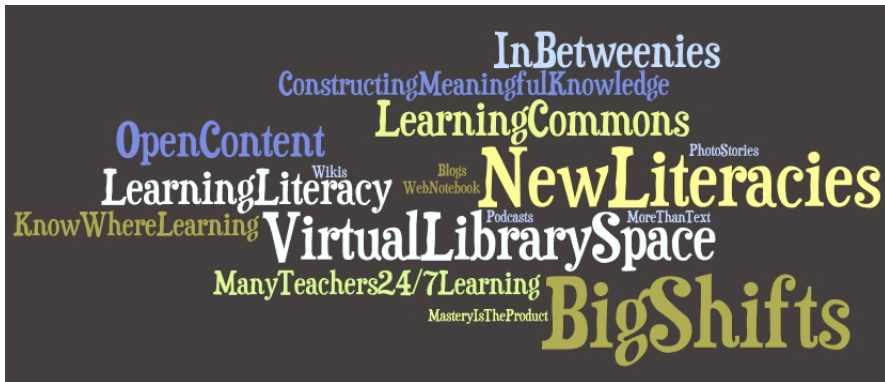
The Biggest Shift

Intrusions on Learning



Learning Enablers





Top Tech Trends - Balanced Libraries: Books, Bytes and Web 2.0

K-12 Education & The New School Library

By the Brooks:

<http://bythebrooks.pbwiki.com>

Anita_Brooks-Kirkland@wrdsb.on.ca



Anita Brooks Kirkland

Library Consultant, ITS
Waterloo Region District School Board