

Web 2.0 Literacy Tools to Transform Teaching and Learning

Presenter: Naomi Harm



Brothers*
DRINK WEB 2.0 ICONS IN ICONTEXT.COM

DRINK WEB 2.0 ICONS IN ICONTEXT.COM
Brothers*

Today's Meet Back Channel Chat

- <http://todaysmeet.com>

Today'sMeet

Talk. Listen.

Today's Meet helps you embrace the [backchannel](#) and connect with your audience in realtime.

Encourage the room to use the live stream to make comments, ask questions, and use that feedback to tailor your presentation, sharpen your points, and address audience needs.

Create a Room.

Name your room

ie: <http://todaysmeet.com/>

Delete the room in

one week

how long will the room data be saved?

By submitting this form you agree to the [Privacy Policy](#) and [Terms](#).

Create your Room.

[Blog](#) | [About](#) | [Help](#) | [Privacy](#) | [Terms of Use](#) | © 2008 [James Socol](#).

Today's Meet

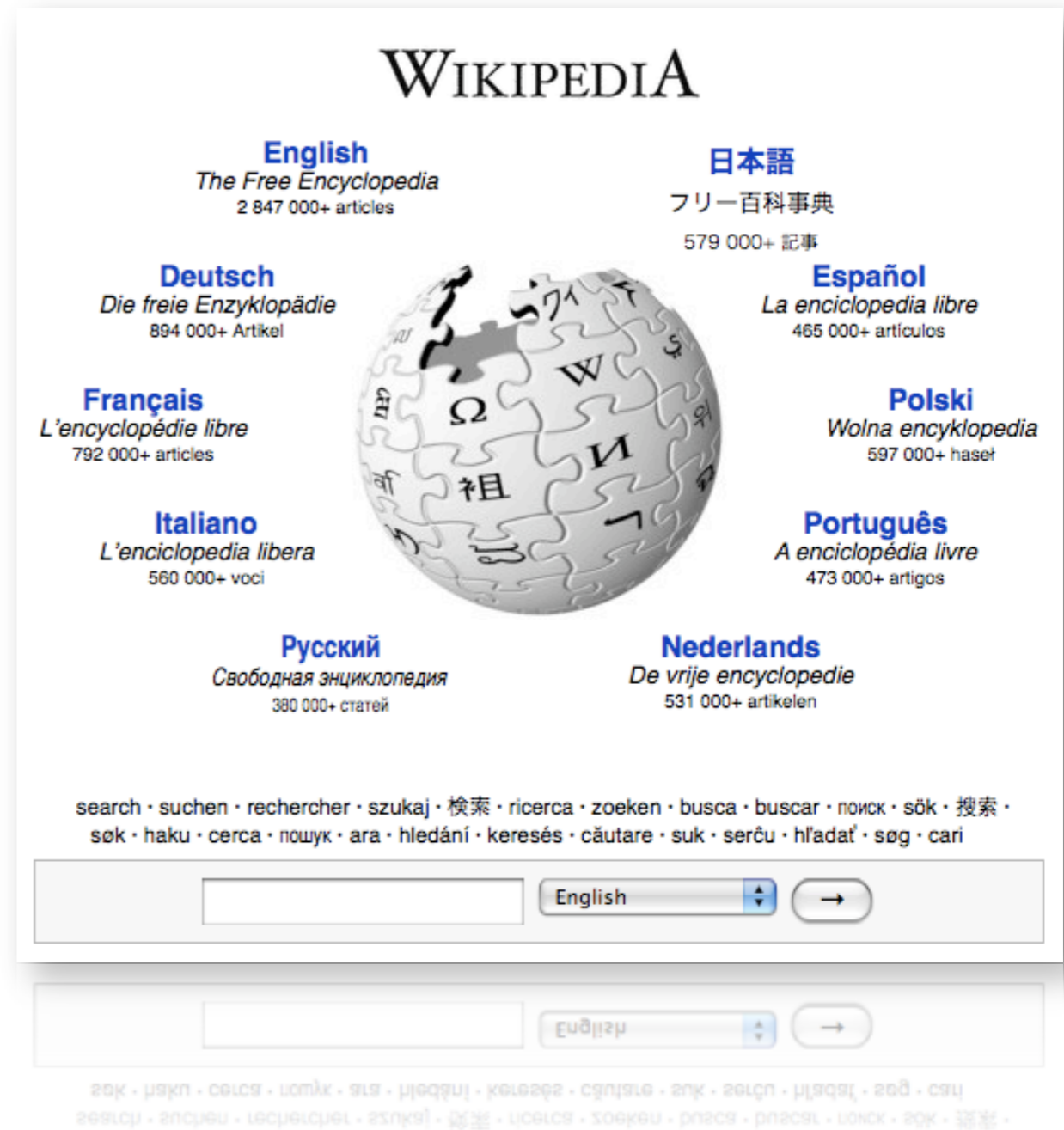
Back Channel Chat

- “Side conversation” connecting with audience members in realtime
- Invitation can be sent to extend conversation to a global audience
- Sharing of “aha-moments” of instant connections made for personal or professional experience(s).



What is Web 2.0?

According to Wikipedia,
“Web 2.0 is a term
describing changing trends
in the use of World Wide
Web technology and Web
design that aim to enhance
creativity, information
sharing, and collaboration
among users.”



What is Web 2.0?

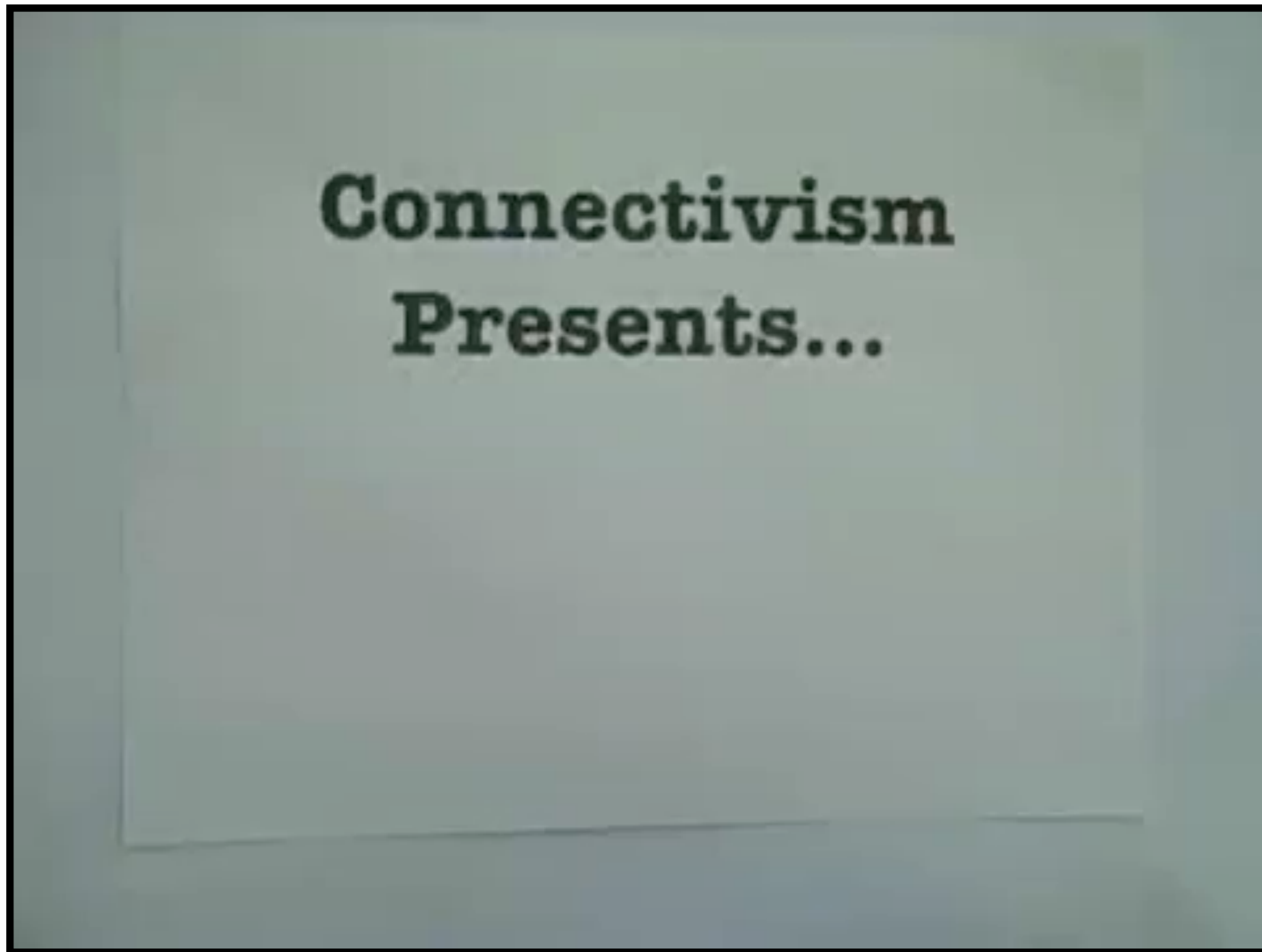


Created with Wordle
www.wordle.net

How does a 21st century student learn?



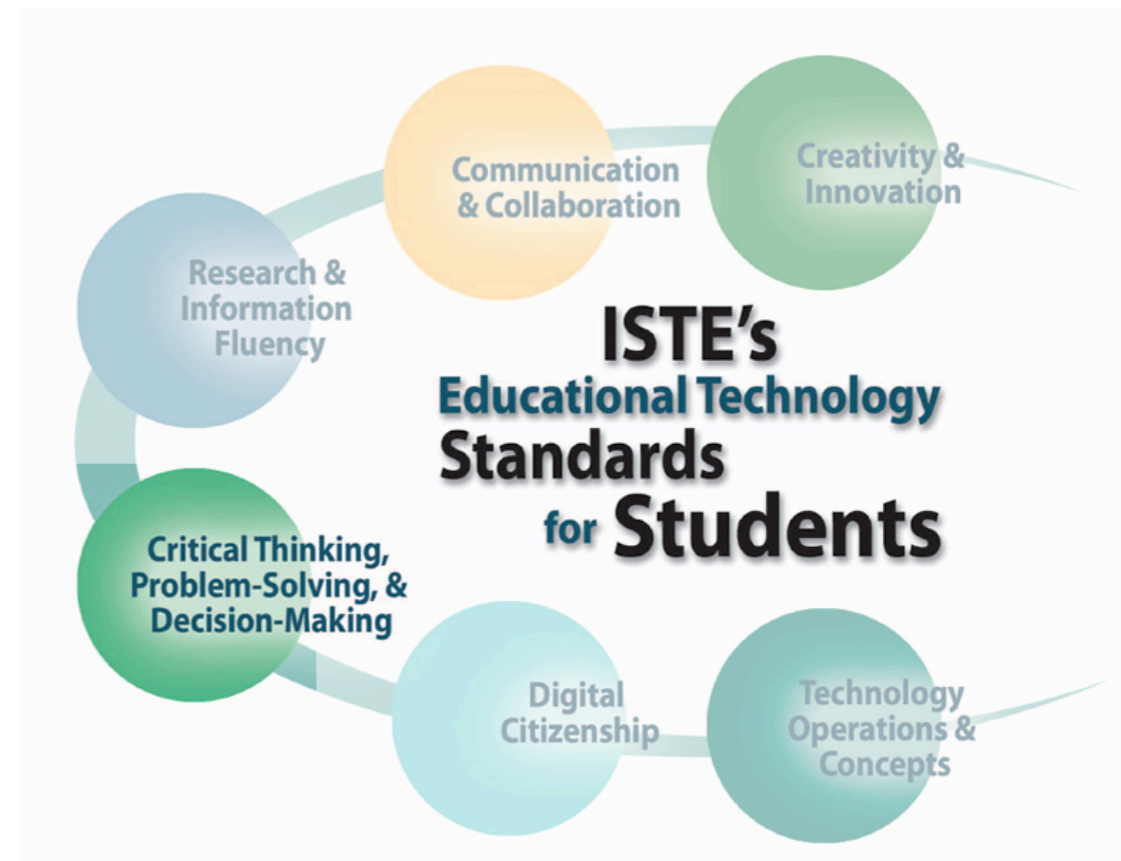
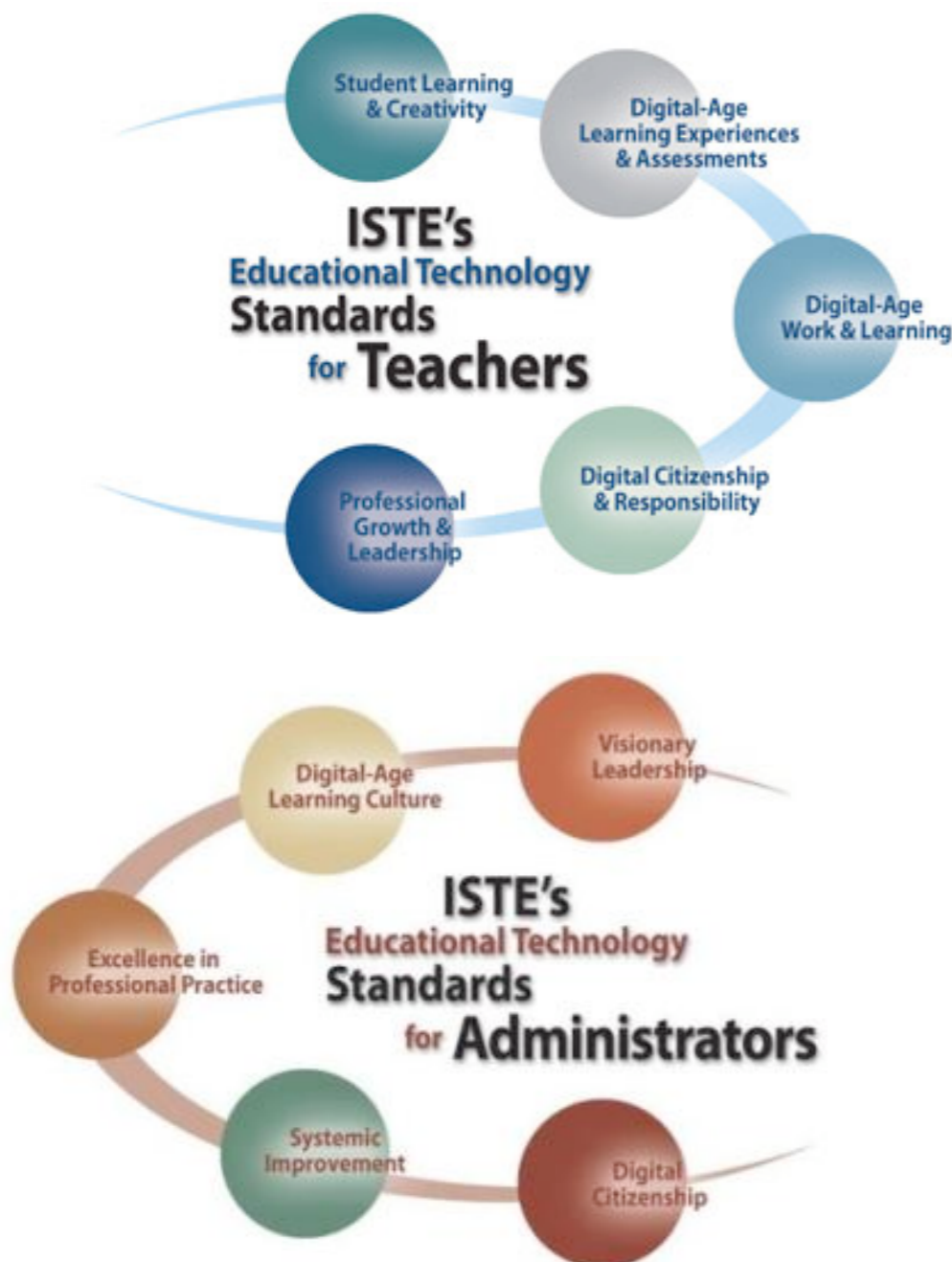
The 21st Century Networked Student



<http://www.youtube.com/watch?v=XwM4ieFOotA>

Why should we use Web 2.0 in the classroom?

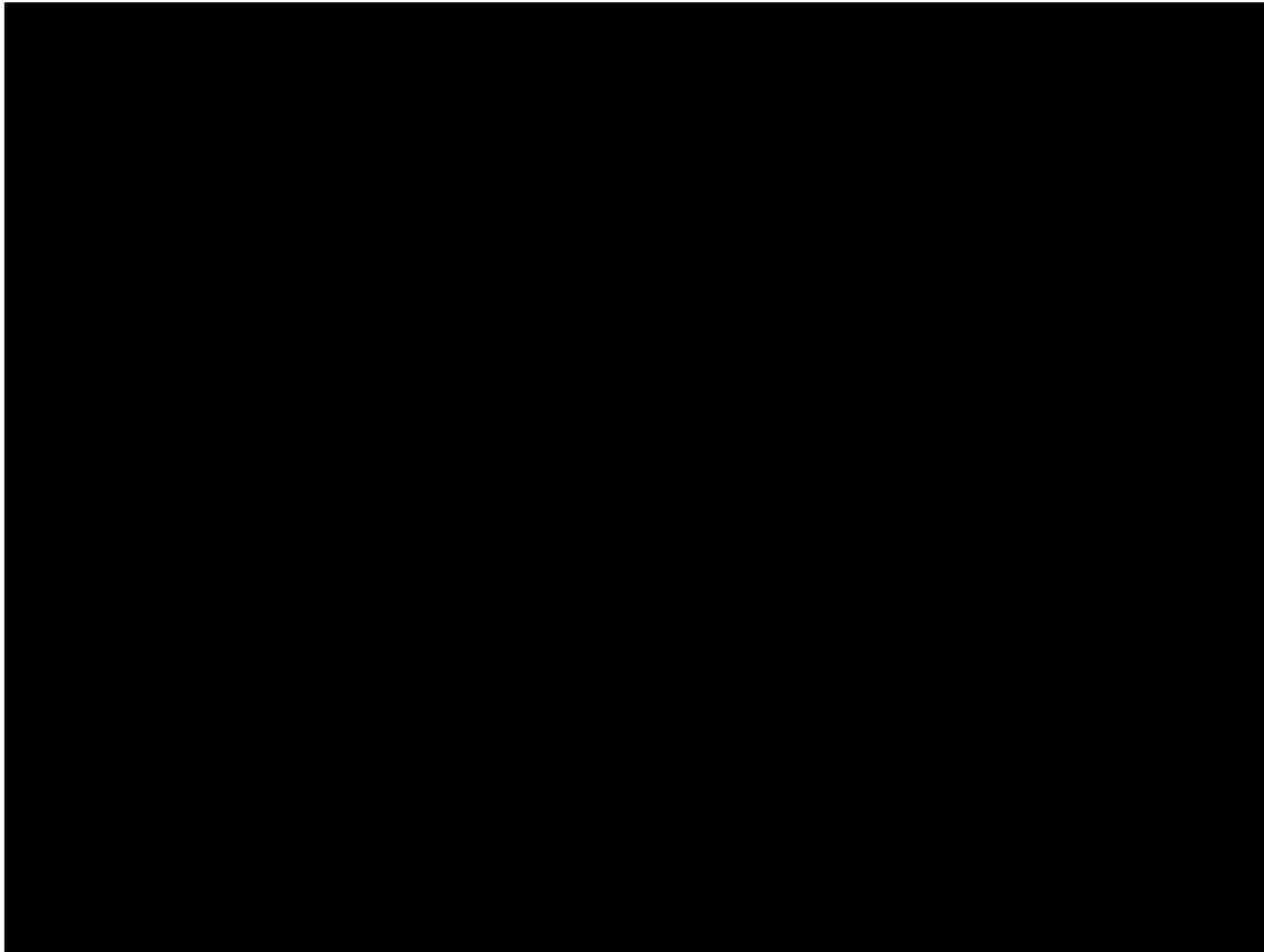
Technology proficiency, accountability & responsibility:
ISTE NETS for Students, Teachers and Administrators



*Plus- Profiles for PreK-2, 3-5, 6-8 & 9-12
Technology Literate Students (ICT skills)

ISTE ~ www.iste.org

CHANGE: Educator Resistance



<http://www.youtube.com/watch?v=ged6hKZOTqw>

Essential Hook to Make Change Happen

1. Identify an educator's personal interest/passion about educational topic or focus area
2. Model a few regional and national examples to make personal and professional connections
3. Introduce a Web 2.0 tool to make the real-life connection come to life to empower teacher and student learning



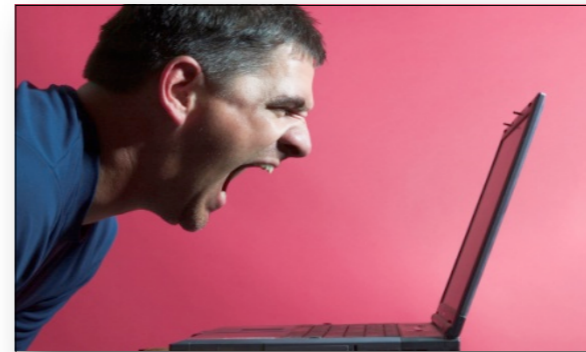
BLOG



+



+



+



post

text
audio
video
photo

read

comment

feed

ISTE NETS Students: 1, 2, 3, 4, 5, 6

Slide Creation Idea: Brian Wasson St. Joseph's College, New York

Innovative Educator 2.0 Blog

Innovative Educator 2.0

In the future, how we educate our children may prove to be more important than how much we educate them. (Binder, 2006).

<http://ie20-naomi.blogspot.com>

Monday, May 4, 2009

Future Technology Conference ~ Madison, WI



This week I will be traveling to Madison, WI to present at the Future Technology Conference (FTC). My presentation "Web 2.0 Literacy Tools to Transform Teaching and Learning" will not only focus on how to use some of the new Web technologies that are beginning to transform education, it will also put you well on your way to implementing these learning strategies within your classroom practice. The tools we will be looking at include image/video editing and production, communication and collaboration, writing and research, converters and widgets, presentations and virtual environments. These tools will allow teachers and students to

About Me



Naomi Harm

Inspired educational technology consultant that is truly passionate about building global relationships, to meet the needs of all learners through 21st century teaching and learning environments.

[View my complete profile](#)

Live Traffic Feed

Live Traffic Feed

Top Rochester Blogs

Rochester, Minnesota arrived on "Innovative

Top Rochester Blogs

WIKI



content
text in web
pages

+



collaborate

+



edit

+





save



ISTE NETS Students: 1, 2, 3, 4, 5, 6

Slide Creation Idea: Brian Wasson St. Joseph's College, New York





Example: Andrew Churches WIKI

**educational origami**

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★  **home**  Protected **page** ▾ discussion (40) history notify me

Actions

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Navigation

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- [Bloom's Digital Taxonomy](#)
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- [Bloom's - Understanding](#)
- [Bloom's - Applying](#)
- [Bloom's - Analysing](#)
- [Bloom's - Evaluating](#)
- [Bloom's - Creating](#)
- [Starter Sheets](#)
- [Bloom's Taxonomy and Digital Approaches](#)
- [Bloom's and the Three Storey Intellect](#)

**educational origami**

Educational Origami is a [blog](#) , and a wiki, about the integration of ICT (Information and Communication Technologies) into the classroom, this is one of the largest challenges that I feel we as teachers face. It's about 21st Century Learning and 21st Century Teaching. [Marc Prensky](#) coined the now popular and famous phrase "[Digital natives and digital immigrants](#)" in his two papers by the same name. Ian Jukes talks about [Digital Children](#).

The world is not as simple as saying teachers are digital immigrants and students digital natives. In fact people fit into both camps. We know that experience, like using a computer, will change the structure of our brain, This is a concept called **Neuroplasticity**. We also know that, the more intense the experience, the more profound the change. Our students, who often have a greater exposure to technology, are likely to be more neurologically adapted, but adults can as easily be "Digital Natives".

I made this wiki on request from [Miguel Guhlin](#) after I blogged about matching [ICT tools to traditional classroom practice and Bloom's Taxonomy](#). The wiki has grown a little since then.

Welcome to the 21st Century

[Welcome to the 21st Century](#) is a brief looks at the 21st Century learner. This is the linking article to the other 21st Century articles. **This page contains some brilliant research from PEW internet on teens and the internet.** We often hear about the 21st Century Learner, but what about the [21st Century Teacher](#)? Here are some thoughts and ideas about the [21st Century teacher](#) and the characteristics they would possess. About how we [facilitate 21st Century Learning](#). When we look at 21st Century education we must also consider [21st Century Learning spaces](#) too.



 [21st century teaching and learning.pdf](#)


Table of Contents

- [Welcome to the 21st Century](#)
- [Starter Sheets](#)
- [Bloom's Taxonomy](#)
- [Learning styles and ICT](#)
- [ICT integration and Management](#)
- [Managing Complex Change](#)
- [Web 2.0 and other tools](#)



<http://edorigami.wikispaces.com>

Web 2.0 Repository



Web 2.0: Cool Tools for Schools

Navigation

- Home
- Presentation Tools
- Collaborative Tools
- Research Tools
- Video Tools
- Slideshow Tools
- Audio Tools
- Image Tools
- Drawing Tools
- Writing Tools
- Music Tools
- Organising Tools
- Converting Tools
- Mapping Tools
- Quiz and Poll Tools
- Graphing Tools
- Creativity Tools
- Widgets
- File Storage & Web Pages

Teacher Resources

Cool Tools Index for this site A-Z

Cool Tools Index

Teacher Resources

presentation video slideshow widgets

research collaborative quiz and poll converters

creativity image drawing audio mapping

writing music organising storage graphing

OurStory animoto photobucket

<http://cooltoolsforschools.wikispaces.com>

Web 2.0 Repositories

NAOMI'S FAVORITE WEB 2.0 REPOSITORIES

All My Faves- www.allmyfaves.com

All Things Web 2.0- www.althingsweb2.com

CogDogRoo- <http://cogdogroo.wikispaces.com>

Cool Tools for Schools- <http://cooltoolsforschools.wikispaces.co>

Digital Research Tools- <https://digitalresearchtools.pbworks.com>

Go2Web20- www.go2web20.net

IT Redux- <http://itredux.com/office-20/database>

Mashables- <http://mashables.com>

Read Write Think- www.readwritethink.org

Seomoz- <http://www.seomoz.org/web2.0>

Shambles- www.shambles.net

Simple Spark- www.simplespark.com

Web 2.0 For Teachers- www.web2educationuk.wetpaint.com

Web Tools 4u2 Use- www.webtools4u2use.wikispaces.com

Ziipa- www.ziipa.com



Twitter: <http://twitter.com/nharm>

Blog: <http://ie20-naomi.blogspot.com>

Social Networking



interests

+



community

+

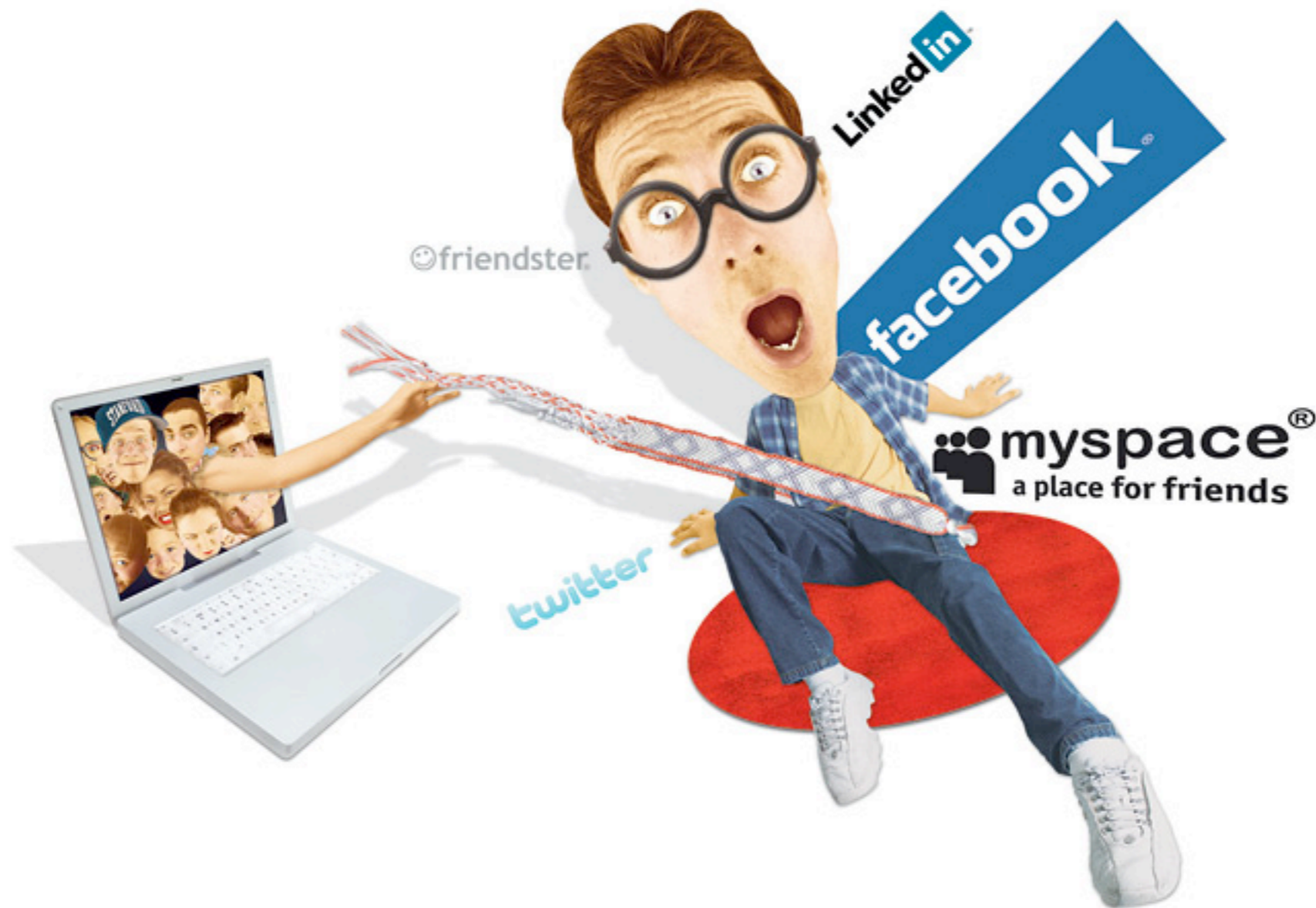


connections

ISTE NETS Students: 1, 2, 3, 4, 5, 6

Slide Creation Idea: Brian Wasson St. Joseph's College, New York

Staying Connected: Personal & Professional Learning Networks



TWITTER Video

http://current.com/items/89891774_twouble-with-tweets.htm

Social Networking: Twitter

The screenshot shows a Twitter profile page for user **nharm**. The page layout includes a header with the Twitter logo and navigation links (Home, Profile, Find People, Settings, Help, Sign out). On the left, there is a vertical banner with the text "Grow your PLN" and an image of hands holding a small plant. The main content area features a "What are you doing?" status update box with a character count of 140. Below this, a list of updates mentioning @nharm is displayed, including replies from @kevin_schmitz and @tdzarling. The right sidebar shows the user's profile information (491 following, 754 followers, 1716 updates), a "Stock Twits" definition, and a list of trending topics such as "Happy Star Wars Day" and "#musicmonday".

twitter

Home Profile Find People Settings Help Sign out

What are you doing? 140

Latest: @kevin_schmitz Looks very cool too! I love my music- sets the mood for some many opportunities t... less than 5 seconds ago **update**

Updates mentioning @nharm

o_o **kevin_schmitz** @nharm thanx for theradio.com I just found out about grooveshark, pretty cool - <http://listen.grooveshark.com/>
25 minutes ago from web in reply to nharm

o_o **kevin_schmitz** @nharm Thanx for the FTC update. I'm attending but will miss your session due to a district meeting. I'd love any info you can share.
36 minutes ago from web in reply to nharm

tdzarling @nharm what's the diff btw WEMTA and FTC?
about 1 hour ago from web in reply to nharm

kmatch @nharm So excited about our first grandchild; June will be an exciting month. See you next weekend; can't wait to get our i-Pod touch.
9:00 AM Apr 30th from web in reply to nharm

nharm
491 following 754 followers 1716 updates

Stock Twits
n. an investment idea and information service.

Home

@nharm

Direct Messages 195

Favorites

Search

Trending Topics

Happy Star Wars Day

#musicmonday

Swine Flu

#StarWarsDay

#juddday

H1N1

<http://twitter.com/nharm>

Google Forms: Favorite Web 2.0 Tools

Google Docs BETA innovativeeducator

PLN Replicated Study of PLN

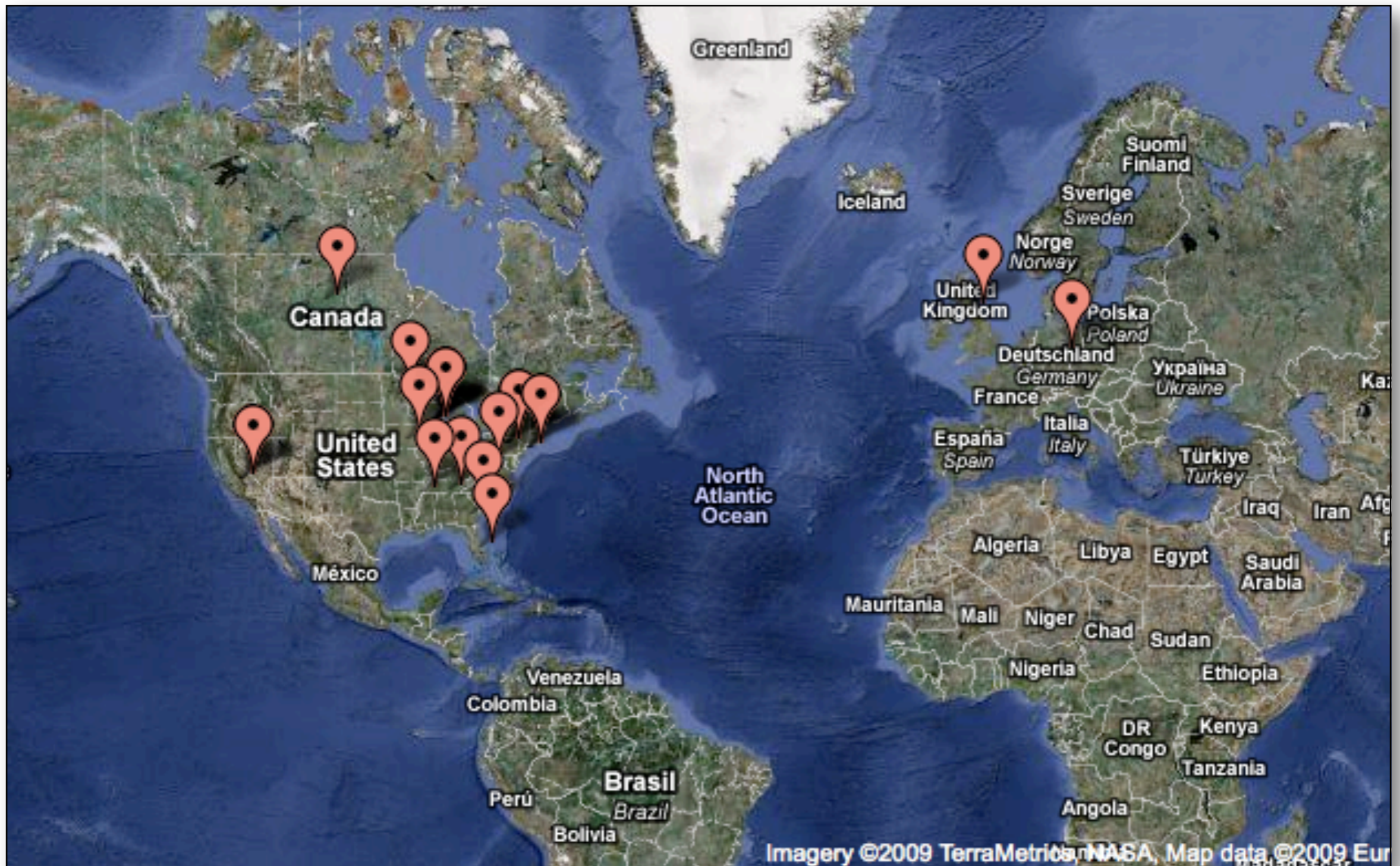
File Edit View Format Insert Tools Form (0) Help

\$ % 123 10pt B Abc

	A	B	C	D	E
1	Timestamp	What's your favorite PLN tool—besides Twitter?	Contributor name		State
2		Google Forms	Naomi Harm, Brownsville, MN		MN
3		Ning	Karen Karr Charleston, WV		WV
4		Google Docs and Forms	Jen Wagner, CA		CA
5		Diigo	Caroline O'Bannon, GA		GA
6		Diigo	Michelle Krill, PA		PA
7		Skype	Michelle Krill, PA		PA
8		Google Reader	Nancy Sharoff, NY		NY
9		Google Reader	James McConville. Vancouver, CA		CA
10		Google Reader	Yolan Mistele Arbor Vitae, WI		WI
11		Plurk and Facebook	Jeff Johnson, Glendale, WI		WI
12					

[Add Sheet](#)
[Sheet1 ▼](#)
[Gadget1](#)

Google Forms: Favorite Web 2.0 Tools



Next step- publish results globally

Multimedia Hosting



content

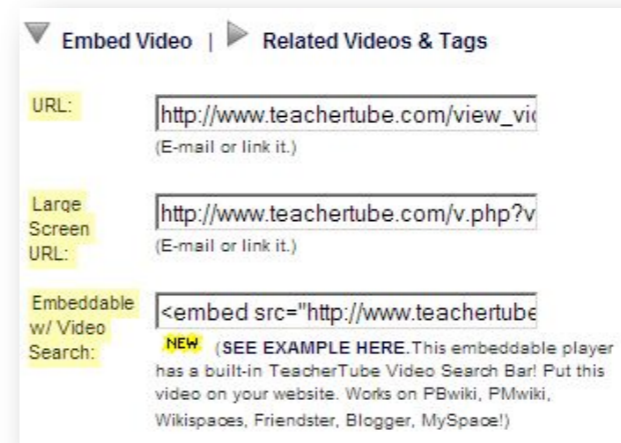
video
audio
photo

+



web host

+



embed

+

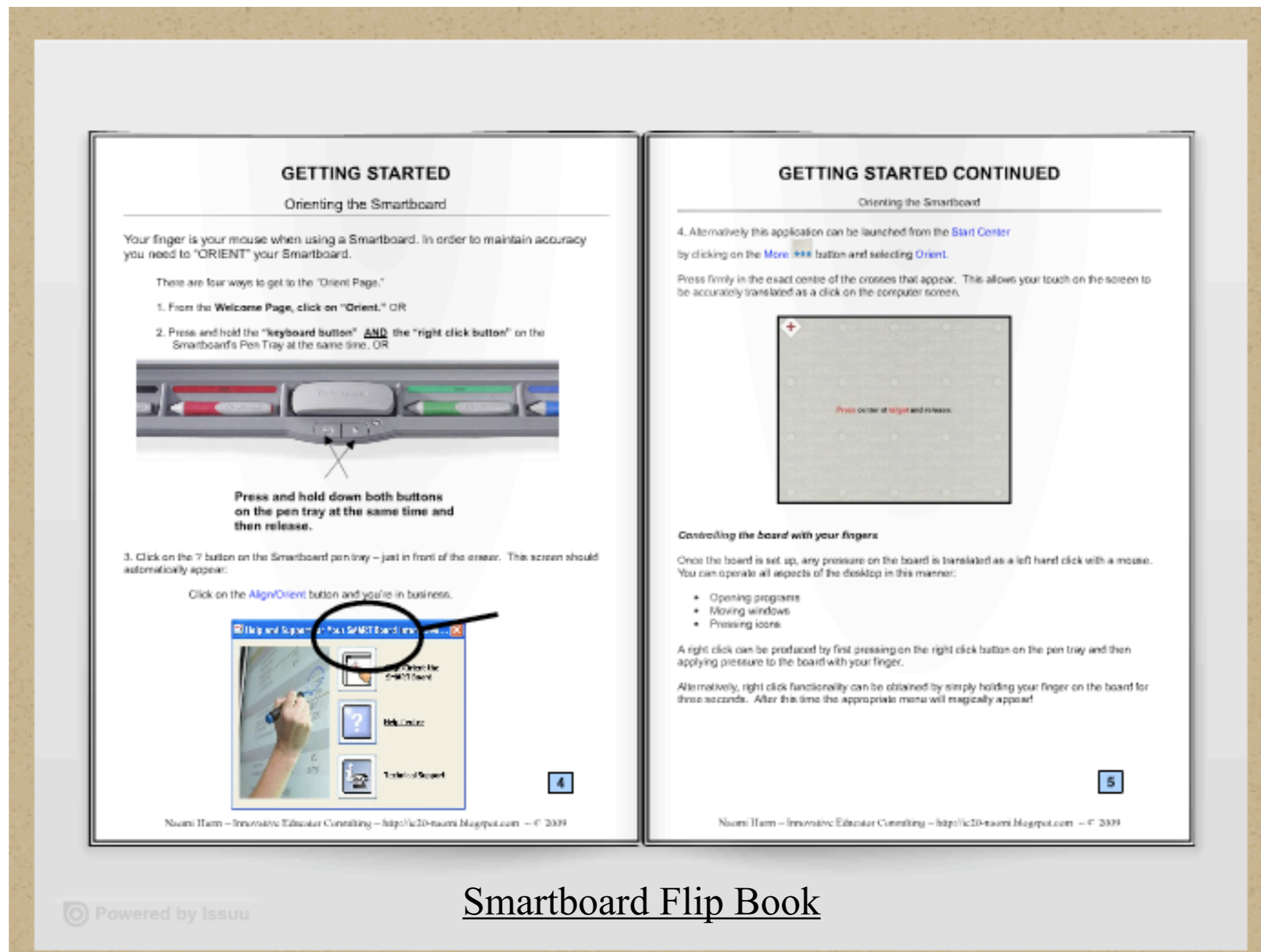


share

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Smartboard Training Flip Book




Creative Video



 **naomilharm** [Subscribe](#)
April 02, 2009
[\(more info\)](#)

Beautiful April 2nd morning and we have many loons and duck visitors in our bay located in Brownsville, MN off the Mississippi River.

URL

Embed 

Video Owner Options

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[Annotations](#)

You Tube Cube

<http://www.universalsoffoscillation.com/youcube/?764>

Animoto

The image shows the Animoto website homepage. At the top left is the Animoto logo. At the top right are links for "Sign In or" and "Sign Up". The main content area is split into two columns. The left column has a yellow background with the text "Welcome to the end of slideshows" in large orange letters, a blue "Join Now" button, and a quote from USA Today: "Nothing short of terrific." The right column features a collage of various photos and videos. In the center of this collage is a large video player showing a man, a woman, and a child smiling, with a play button icon and the text "sample video". Below this is a button that says "Watch the 60-sec learn more video". At the bottom of the page, the URL "www.animoto.com/education" is displayed, followed by the text "Civil Rights Example".

animoto

Sign In or Sign Up

Welcome to the end of slideshows

Join Now

You'll be making videos in less than a minute!

"Nothing short of terrific."
— USA Today

sample video

Watch the 60-sec learn more video

www.animoto.com/education

Civil Rights Example

Photo & Video Tools

Photo Editing and Mashups

Animoto- www.animoto.com

Big Huge Labs- www.bighugelabs.com

Dumpr- www.dumpr.net

Glogster- www.glogster.com

Loonapix- www.loonapix.com

Picnik- www.picnik.com

Pizap- www.pizap.com

Voicethread- www.voicethread.com

Video Editors/Mixers/Convertors

JayCut- www.jaycut.com

Jing- www.jingproject.com

Kick Youtube- www.kickyoutube.com

Movavi- <http://online.movavi.com>

Screencastle- <http://screencastle.com>

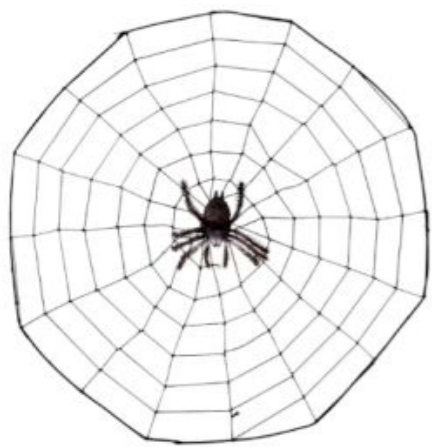
Screen Jelly- <http://www.screenjelly.com>

Shwup- www.shwup.com

Zamzar- www.zamzar.com



Social Bookmarking



web
sites

+



bookmark

+



tag

+



share

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Social Bookmarking

- Bloglines
- Google Reader
- Delicious
- Diigo
- Stumble Upon
- SB Tools- UK



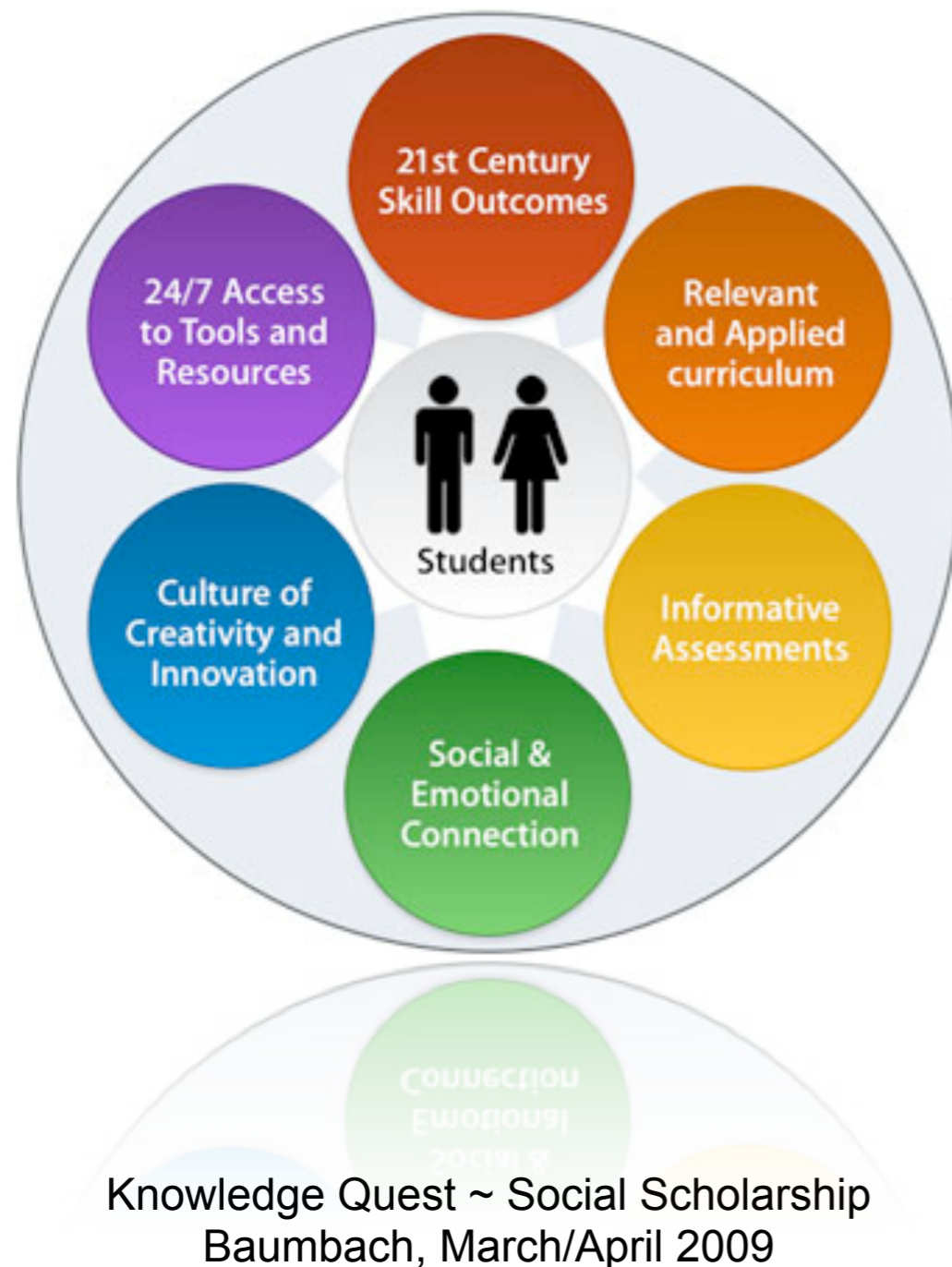
Why should we use Web 2.0 in the classroom?

- Remain educational leaders ~ become educational innovators
- Stretch the technology and LMC budgets: leverage existing technology investments
- Support equity of access now: teach our students information life skills for the future
- Easy to introduce- flexible, versatile to use, and engaging



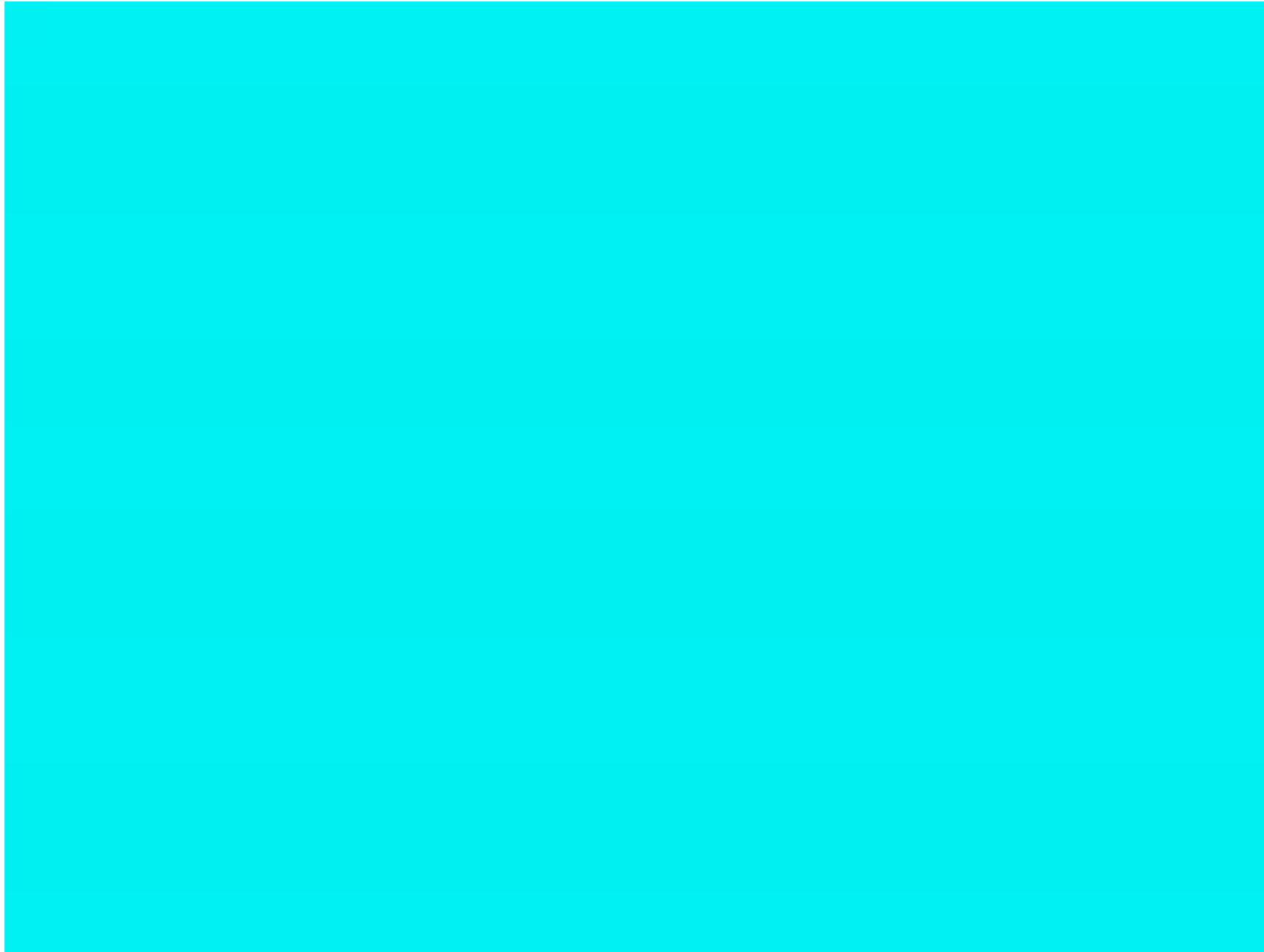
Knowledge Quest ~ Social Scholarship
Baumbach, March/April 2009

Why should we use Web 2.0 in the classroom?



- Encourage creative expression, gaining authentic audiences, and useful feedback
- Design collaborative learning: support social scholarship
- Support goals in national and state standards
- Teach information literacy: Participate in networked public culture

When I was 10.....



Contact Information



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