### Welcome to

## Claiming What We Imagine

KidsGCCI.ning.com KidsGCCI.pbwiki.com In Liz...

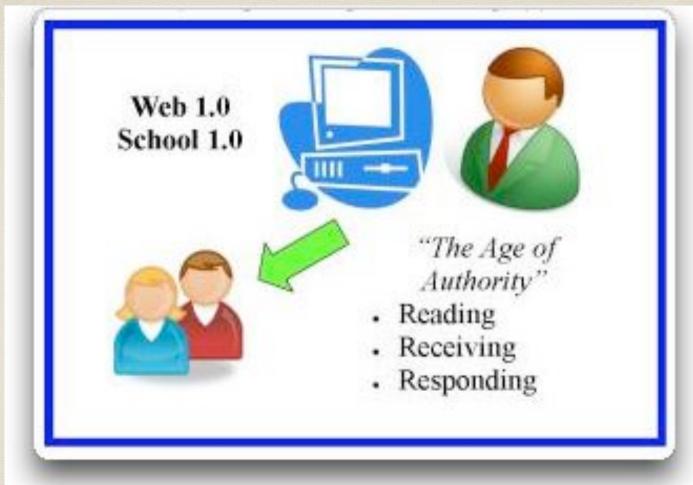
I'm Dennis...

Who are you?



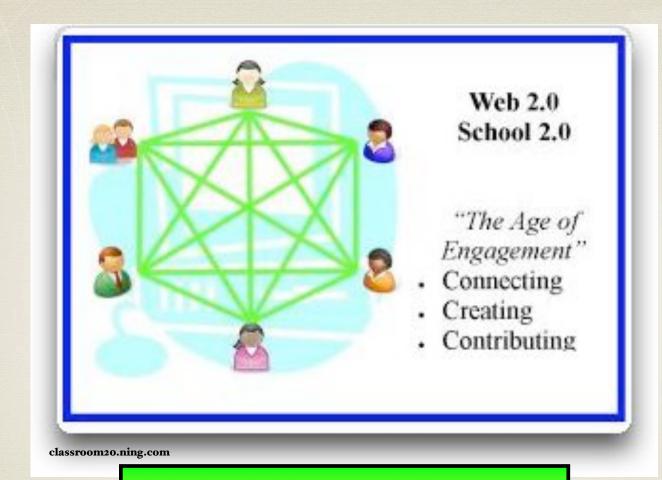
1

### Exposure



classroom20.ning.com

1.0?



2.0?

### CONNECTED ONLINE?

Collaborate Create

Create Distril

oute

Create

Distribute

Collaborate Collaborate

ollaborate Create Distribute

rate

Collaborate Create Distribute

Distribut Col

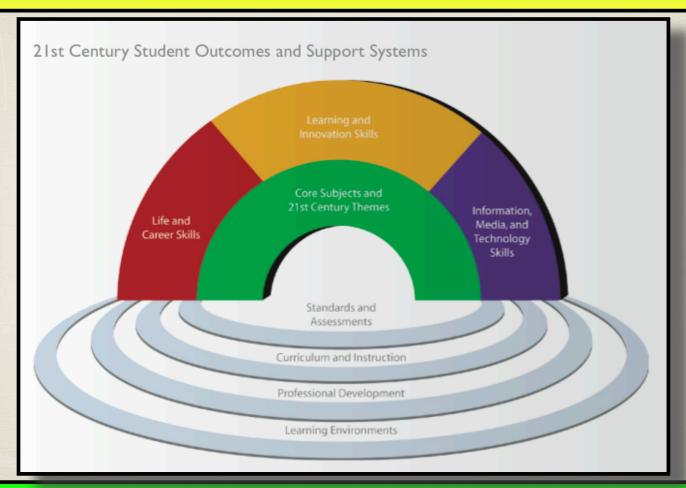
Distribute e

eate stribute stribute Collabor Creat \_\_\_\_ Distribute

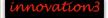
> llaborate stribute

### Literacies

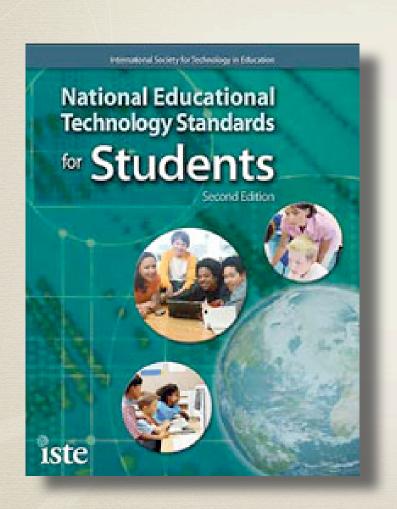
### THE NEW LANDSCAPE FOR LEARNING

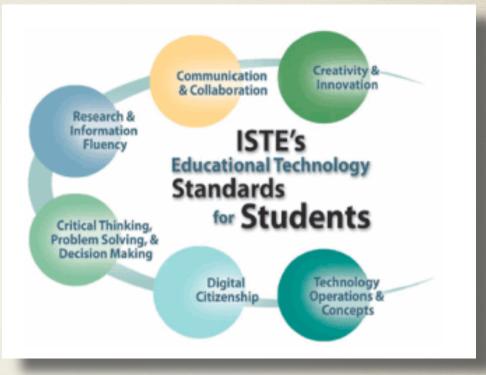


Partnership for 21st Century Skills



### THE NEW LANDSCAPE FOR LEARNING





### NCTE ~ Toward a Definition of 21st Century Literacies

#### CHANGE

societal technological literacy

### LITERATE ENVIRONMENTS

technological intense complex

#### **UNIQUE**

tools of technology ethics in complex environments collaborate across cultures form relationships with others

#### **INFORMATION**

for global communities for a variety of purposes multiple streams simultaneous

> manage analyze synthesize design share

#### **LITERACIES**

multiple dynamic malleable

#### INDIVIDUAL & GROUP LITERACIES

histories (Past)
life possibilities (Future)
social trajectories (Status)

#### **PROBLEMS**

pose solve cross cultural

#### **MULTI-MEDIA**

create critique analyze evaluate 3

### Direction

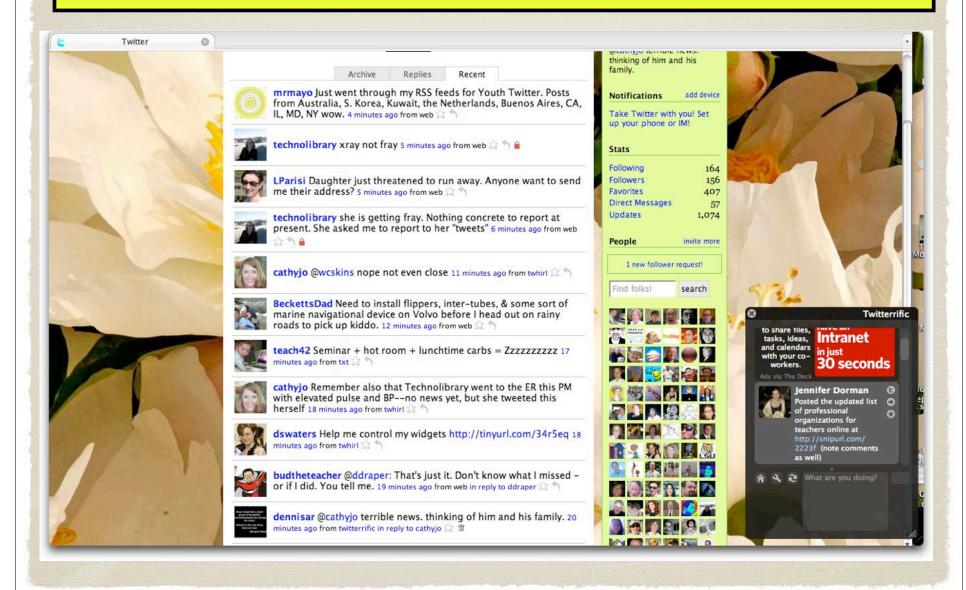
## 4

### Self-Direction

But what about...

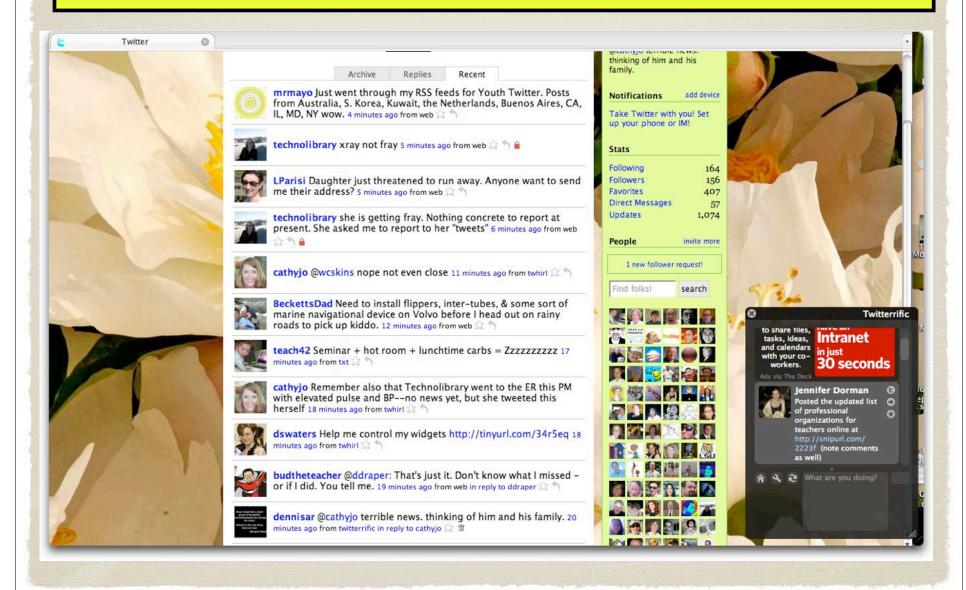
### Social networks?

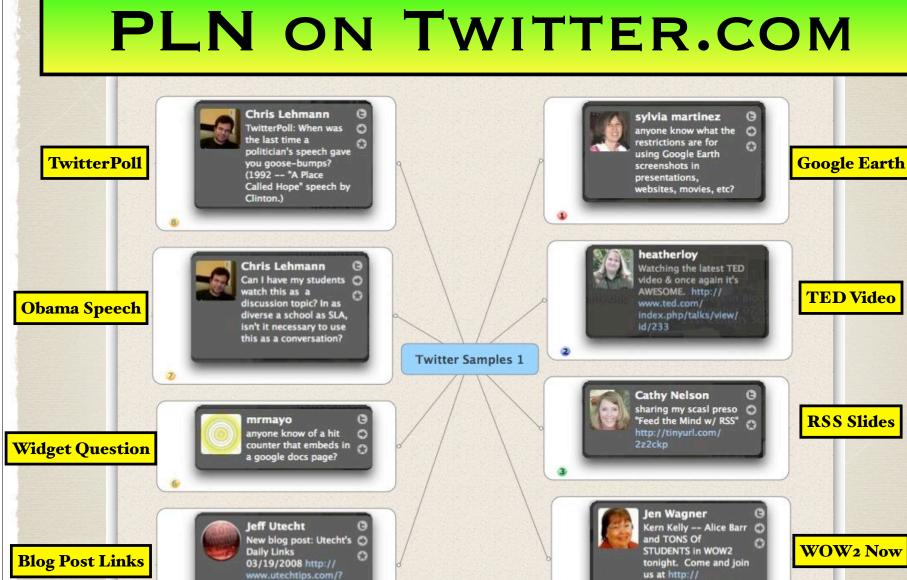
### PLCs on Twitter.com



Look deeper...

### PLCs on Twitter.com



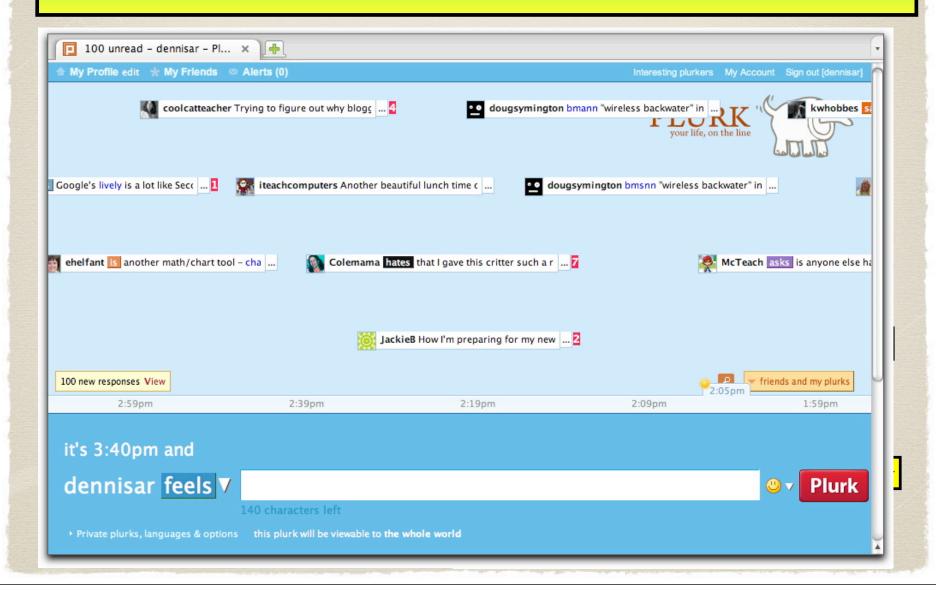


p=641

WOW2 Now

edtechtalk.com/chat

### PLN ON PLURK.COM



### Networks

But what about...

### practice

(educating~engaging

~challenging)?

### doing something?

our future?

# Woods Hole ~ a village in Falmouth, Massachusetts



## Claiming What We Imagine

**Stephanie Pace Marshall** 



## The Power to Transform

**Stephanie Pace Marshall** 

#### KGCCI

### CLAIMING WHAT WE IMAGINE



- Marine Biological Lab (MBL)
- Woods Hole Oceanographic Institution (WHOI)
- Sea Education Association (SEA)
- Woods Hole Research Center (WHRC)
- Waquoit Bay National Estuarine Research Reserve (WBNERR)
- National Marine Fisheries Services
- WGBH Teachers Domain
- November Learning
- Woods Hole Science & Technology Education Partnership (WHSTEP)
- Falmouth Public Schools Volunteers in Public Schools (VIPS)
- UMASS Dartmouth





This knowledge networking between the scientific and educational learning communities will improve teacher and student understanding of this significant global issue and transform instruction to engage students in developmentally appropriate scientific investigations that motivate student effort and interest.

Our goal is to expand this project over the next 18 months to an international model of student centered knowledge networking through which our youth can contribute, shape and share their ideas to change the world.





#### KGCCI

### CLAIMING WHAT WE IMAGINE

Project SEpTeMber: Kids Global Climate Change Institute

Falmouth is fortunate to be home to a world center for marine, biomedical and environmental science research. This provides our students and teachers unique access to scores of experts on global climate and renewable forms of energy topics. A long-term history of collaboration between the Woods Hole scientific institutions and the Falmouth Public Schools exists, including educational outreach efforts by many of the organizations.

KGCCI Teachers and students will learn to apply the knowledge networking capabilities of the Internet to engage in thoughtful discussions and collaborations about global climate change with students, teachers, and experts around the world, capturing and sharing their discussions using Web2.0 tools. Together they will develop



ideas for innovative programs and solutions that could reduce the impact of global climate change in their community.

#### What will you learn?

Participants will be immersed in scientifically relevant, inquiry-based activities using 21st century tools to:

- develop, expand and implement a science curriculum on global climate change that creates opportunities for students to learn and apply 21<sup>st</sup> century Information and Communication Technology (ICT) skills.
- teach and learn using ICT tools such as an Internet-based learning portal, podcasts, Blogs, and Wikis.
- design and implement hands-on, engaging student activities that promote understanding of underlying causes, effects, and potential solutions to global climate change.
- infuse 21st century life skills such as information and digital media and communication literacy, innovative and inventive thinking, and personal productivity into the curriculum.
- successfully collaborate with scientific experts who are engaged in authentic research projects on global climate change both locally and internationally.



#### Interested?

Project SEpTeMber:

Kids Global

Climate

Change Institute (KGCCI)

For more information please contact:

Claiming What We Imagine

or visit

http://projects.takingitglobal.org/KGCCI

This institute was funded by a generous grant from the:

Commonwealth Information Technology Initiative

Preparing today's students for tomorrow's technology-infused world. http://www.citi.mass.edu

### **ONLINE COMMUNITY?**

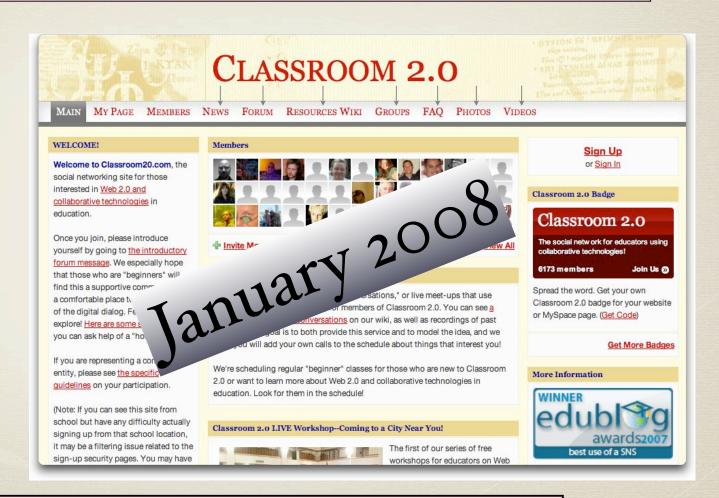
Ving. com

Free Collaboration & Access to News - Discussions - Resources - Group Projects - Photos - Videos

Free Networks

Twitter.com

skype.com



### KIDSGCCI.NING.COM

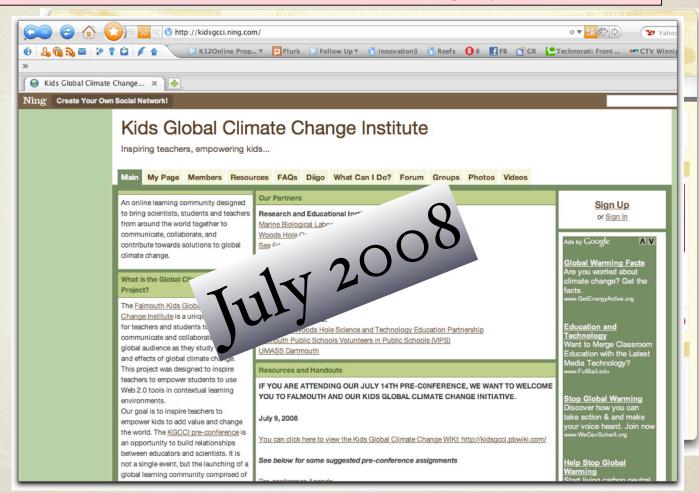
ring.com

Free Collaboration & Access to News - Discussions - Resources - Group Projects - Photos - Videos

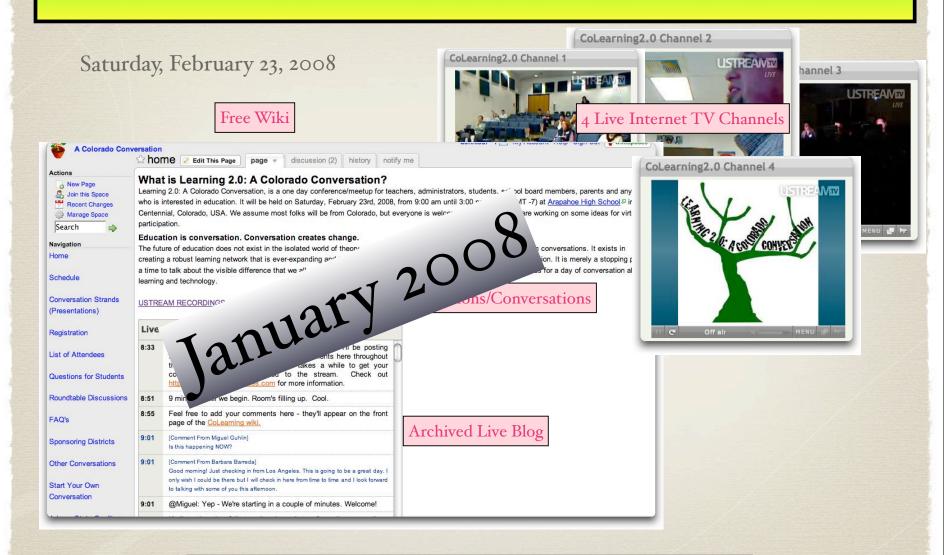
Free Networks

Twitter.com

skype.com



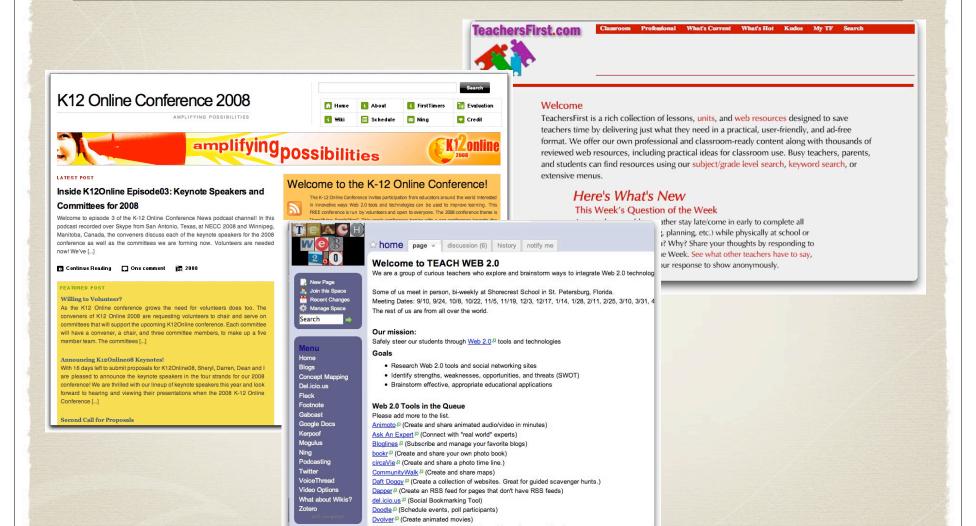
### WIKI FOR RESOURCES?



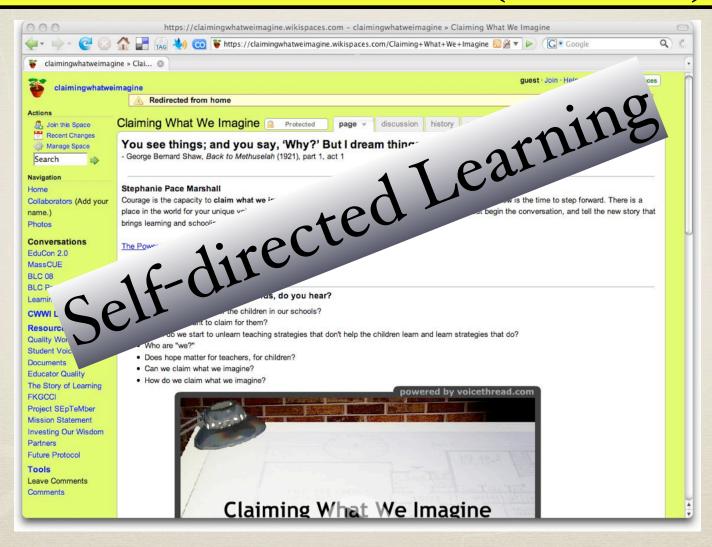
### KIDSGCCI.PBWIKI.COM



### KIDSGCCI RESOURCES



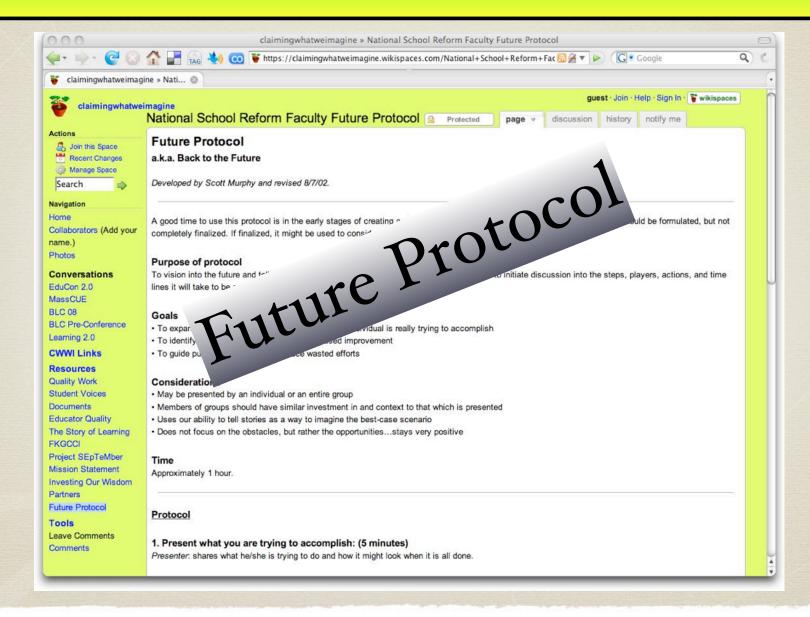
### CLAIMINGWHATWEIMAGINE. WIKISPACES.COM (CWWI)



But what about...

the future?

### **CWWI FUTURE PROTOCOL**



But what about...

the Internet?

### SKILLFUL TEACHING

Elements to be Taken
Into Account in Designing Learning
and Evaluation Situations

Activities, tasks, problems

Situation

Repertoire of available resources

Mobilization in context

Availability of resources

Competency

Reflection

Periods of reflection

Québec Education Program

New Media Literacies for the 21st Century

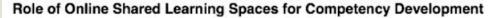
Conversation Facilitator(s): Sharon Peters / Meg Peters

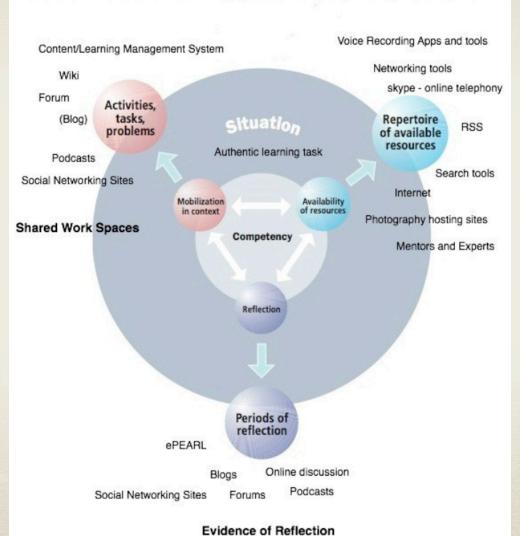
@

EduCon 2.0, Philadelphia, PA, January 2008



### MAINSTREAM / WEB 2.0





New Media Literacies for the 21st Century

Conversation Facilitator(s): Sharon Peters / Meg Peters

@ EduCon 2.0, Philadelphia, PA, January 2008 Who are you?

VIIII you help?



Investing Our Wisdom Partners Future Protocol