Teaching with the Web 2.0

A pedagogical look at cell phones, text messaging, PDA's, blogs, klogs, podcasts, wikis, blikis, moos, muds, gaming & ePortfolios

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Workshop Objectives

- Discuss how selected technologies can be used to facilitate the teaching-learning process.
- Design a learning experience that uses a new technology to achieve a learning objective

Raison D'être

What have you learned?

- Put up your left hand if you have used a computer to create or edit a document
- Put up your right hand if you have used the internet to do research
- Stand up if you have used a cell phone to talk with someone regarding your studies
- Move to the left of the room if you have listened to a podcast on any subject
- Move to the front of the room if you have watched a video podcast
- Leave the room if you have created a video podcast

What is a blog?

- Is a journal or diary (Blog, 2006)
- Usually displayed in a reverse chronological order.
- A commentary or news on a particular subject
- blogs are **primarily** textual…
  - they sometimes contain;
    - photographs (photoblog)
    - videos (vlog)
    - audio (podcasting)
- Are part of the social network / media

What is blogging? DEMOS

- **Text based**
  http://www.elearnspace.org/blog/
  Rich media based
  http://criticaltechnology.blogspot.com/
- **Academic Publishing**
 http://critical.edublogs.org/

Educational Uses

Writing

- Simpson (1999) states, "One of the best ways of **entrenching** one's knowledge is to explain it to others…"
- Hutchings (2002) credits Shulman with the notion of **publicly** sharing one's work for critical review that became accepted as an **integral element of the scholarship** of teaching and learning.

Beyond Constructivism

- **Social Constructivism**

    Social constructivism is a variety of **cognitive** constructivism that emphasizes the **collaborative** nature of learning.

- **Progressive Inquiry; Rahikainen (2001)**
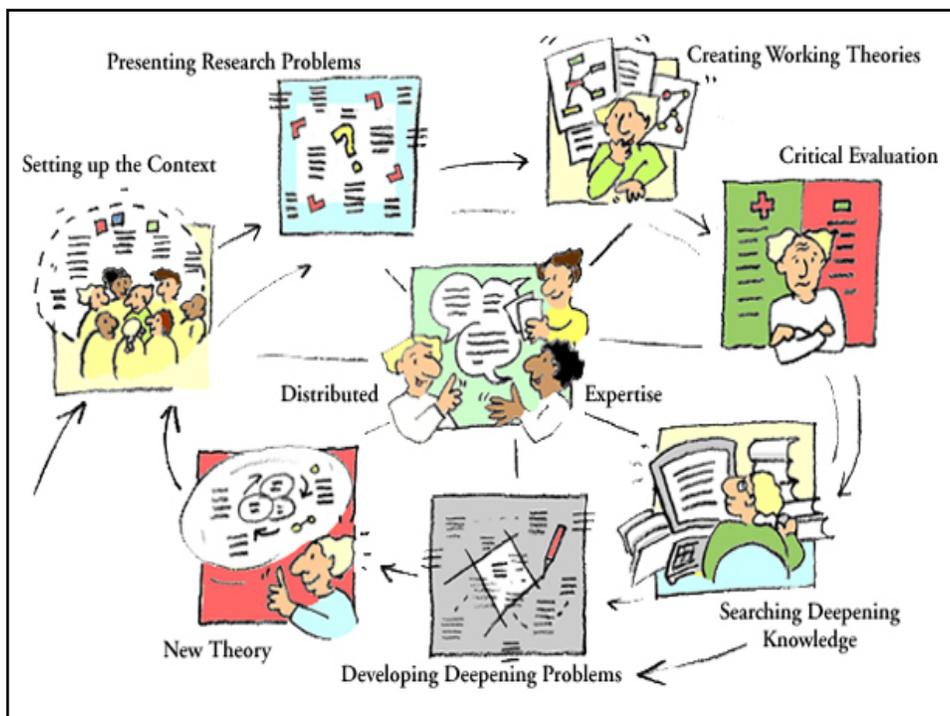
Blogs

think pair share
From what you have learned so far;

Think about your experiences with blogs
Pair up with someone next to you
Share your thoughts on one of these two activities
    1. Reading an existing educational blog
    2. An idea you have for an educational blog

You have 5 minutes to complete this activity

What is a podcast?

A podcast is a **multimedia** file distributed over the Internet using **syndication** feeds, for playback on **mobile devices** and personal computers. The term as originally coined by Ben Hammersley in an article in the Guardian on February 12, 2004, was meant as a portmanteau of "**broadcasting**" and "**iPod**". ("Podcast," 2006)

What is a podcast?

- Usually has **multiple episodes**
- **Subscription** based
- Relatively **easy** to use
- Could also be a **Vodcast** (Video Podcast)

What is podcasting? DEMOS

http://www.ubc.ca/podcasts/index.php

http://itunes.stanford.edu/

http://www.cbc.ca/podcasting/

A Cell Phone

- The content of the previous demos could have been played on;
- An iPod
- A Media Player
- A Blackberry
- A **Cell Phone**

Podcasting Today

- Used as **entertainment**
- Used to acquire **information**
- Used to prepare for **meetings** and **conferences**
- Used to **catch up**
- Used to record and **share** important information
- Used for **learning**

Video Podcasts

On the provided '4 x 6' cards

- **Write one idea per card for a video podcast within your discipline.**
- **Write as many as you can.**

You have 3 minutes to complete this activity

Video Podcasts

Share your ideas

with the class

What is a wiki?

- A Web site that allows visitors to add, remove, and edit content.
- Without the need for registration.

- An effective tool for collaborative authoring.
- On-line encyclopedias such as Wikipedia.

Wikis

http://www.ictlogy.net

http://www.wikipedia.org

http://k12wiki.wikispaces.com/

Mash-up

- Blogs and Klogs

- Podcast, Vodcast & Skypecast

- Wiki & Bliki

- Moos, Muds & Gaming

4 Person Group Activity

1. Put one digital device in the centre of your table
2. Look at the device, reflect upon teaching theory (VAK, Kolb)
3. As a group create a pedagogically sound instructional activity incorporating technology
4. If you finish this task for one digital device, add a different device to the table and start again using the two devices.

Example One

4. Write a poem within a similar theme. Create a podcast of your poem. Remember to critique your own poem.

1. Listen to the podcast of poems with author critiques.

3. Download text copies of the poems and reflect upon the poems. Identify the themes across all poems.

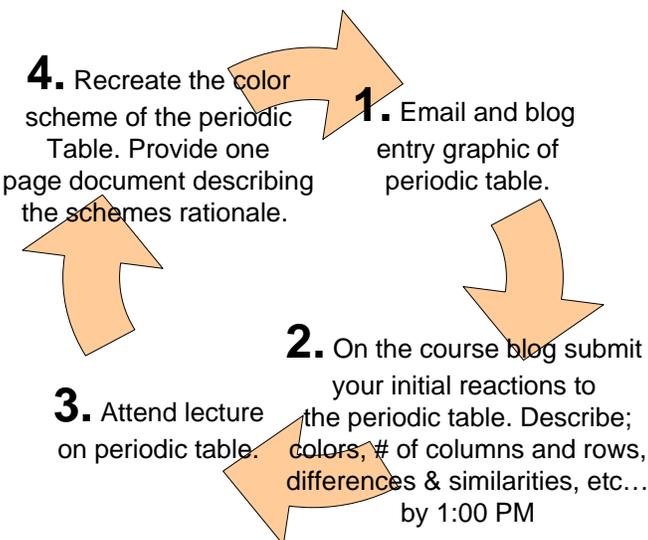**2.** Phone in your initial Thoughts and feelings about the poem.

Example Two

Example Two

4. Recreate the color scheme of the periodic Table. Provide one page document describing the schemes rationale.

1. Email and blog entry graphic of periodic table.

2. On the course blog submit your initial reactions to the periodic table. Describe; colors, # of columns and rows, differences & similarities, etc… by 1:00 PM
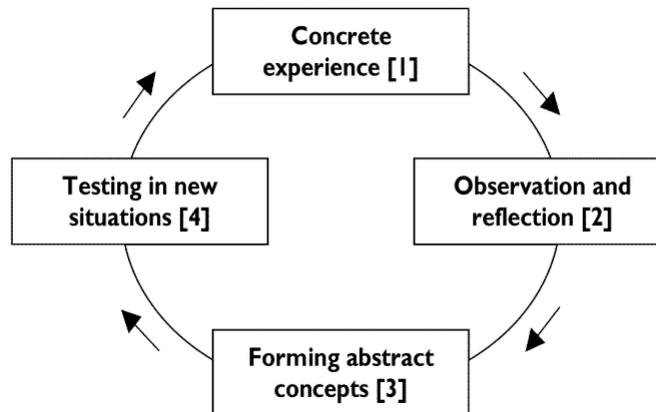
3. Attend lecture on periodic table.

4 Person Group Activity

1. Describe an information event delivered by the device.
2. Describe an activity that would prompt for initial thoughts and feelings regarding the information event. (You do not have to use the same device as step 1.)
3. Describe a follow-up event that confirms and deepens the information from the initial event. (You do not have to use the same device as step 1.)
4. Using the same device as step 1. Describe an activity that would ask the learner to use the information to create an event within the same theme initiated by the first three steps.

David A. Kolb

Concrete experience [1]

Observation and reflection [2]

Forming abstract concepts [3]

Testing in new situations [4]

Synthesis

Describe the learning activity you created

Volunteers ?

Q & A ?

Thank-you

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