

## Teacher Plan Book for Incorporating Web 2.0 Technologies into a Problem-Based Classroom

Cycle	Monday	Tuesday	Wednesday	Thursday	Friday	Homework	Web 2.0 Tool
1	Class Introductions; Review Approved Book List; Give Project Overview, Objectives, and Outcomes; Content Lecture Day	<b>Computer Lab Day:</b> Have students join Ning.com and familiarize themselves with what they can do in the group. Have them post a photo of themselves and a profile.	Discuss Internet Safety and Appropriate Use of Social Networking Sites.	Content Lecture Day	<b>Computer Lab Day:</b> Have students sign up for an account in Twitter.com. Post short blurbs about what you are doing.	Weekend Homework: Have Students Research the Books on Amazon.com and read literary reviews; Have 3 Choices.	Ning.com (Social Networking)
2	Short Lecture on Blogging. Check out Atomic Learning Web 2.0 Video Lessons ( <a href="http://movies.atomiclearning.com/k12/web20/">http://movies.atomiclearning.com/k12/web20/</a> ); Content Lecture Day	<b>Computer Lab Day:</b> Have each student start a blog in Ning and create their first entry. You might want to say something about what school and class you are in, what topic you are researching and why you chose that topic.	Content Lecture Day	<b>PBL:</b> Review the steps of Problem Based Learning ( <a href="http://www.studygs.net/pbl.htm">http://www.studygs.net/pbl.htm</a> ); Have students list what they know about the topic.	<b>Computer Lab Day:</b> Find a video on Youtube.com or Blip.tv that can serve as an introduction to their research topic within your governing topic. Have them watch the video and comment about it in their blog.	Weekend Homework: Have students log on to Wikipedia.org to see what's there about their topic. Be prepared to report back to class.	Ning.com (Blogging)
3	Short Lecture on the validity of Wikipedia; Reports by students about what they discovered. Students report on their research.	<b>Computer Lab Day:</b> Short Lecture on RSS Feeds; Have students use Google News ( <a href="http://news.google.com/">http://news.google.com/</a> ) to create a news feed about their research topic.	<b>PBL:</b> Add initial information from RSS Feeds to PBL model; Go over book discussion and seminar format learning and your expectations	Book Discussion Day (Question Set #1).	<b>Computer Lab Day:</b> Watch the posted videos for at least one other person's research topics and make an encouraging comment about the video on that student's blog. Log into Twitter and let everyone know what your reeseach plans are for the weekend.	Weekend Homework: Have students ontinue to read the articles in their RSS Feeds. For extra credit comment on another video.	Google News (RSS Feeds)
4	<b>PBL:</b> Update "What we Know List" with RSS Feed Research; Develop a Problem Statement for governing issue.	<b>Computer Lab Day:</b> Introduce "Google Docs". Have students start a shared document that they can add research notes to; Upload current notes from RSS Feeds and Problem Statement.	Movie Day: See Movie List for Topic	Book Discussion Day (Question Set #2).	<b>Computer Lab Day:</b> Demonstrate to students how to follow others in Twitter. Have students find other students participating in the project. Find other members of the project on Twitter and follow them.	Weekend Homework: Make an entry in your blog about your book; Comment on at least on other individual's book/topic and provide a helpful resource.	Twitter.com (Social Networking & Blogging)

5	Short Lecture on Start Pages; Content Lecture Day	<b>Computer Lab Day:</b> Have students create a start page in Netvibes.com ( <a href="http://www.netvibes.com/">http://www.netvibes.com/</a> ) and familiarize themselves with its functionality. On the home page, have students add widgets that deal with their home town, weather, and things that interest them.	Content Lecture Day	Book Discussion Day: See Questions Doc. (Question Set #3)	<b>Computer Lab Day:</b> Have students create a new page for RSS Feeds that deal with their research topic; Import Google News Feeds.	Weekend Homework: Do a search in Twitter for students in other parts of the world and follow them. Push a comment to a few of them about the project you are doing and ask what they are doing in school; Continue to read articles and take notes and upload them to Google Docs.	Netvibes.com (Start Pages)
6	Short Lecture on Blogging Ediquite; Demonstrate a blog entry that might be added in response to a professional's blog.	<b>Computer Lab Day:</b> Introduce students to Google Blogger; Have them search for expert blogs on their research topic.	<b>PBL:</b> Spend some time talking about possible solutions to the problem; Content Lecture on topics brought up in class that day related to problem solutions.	Movie Day: See Movie List for Topic	<b>Computer Lab Day:</b> Demonstrate how to add a blog feed to their start page so they can monitor expert blogs; Have them log into Twitter and see if these individuals are there and show students how to follow them.	Weekend Homework: Make an entry in your blog about your book, or the movie they have seen; Comment on at least one other individual's book/topic and provide a helpful resource.	Google Blog Search (blogs)
7	Short Lecture on Photosharing and Tagging	<b>Computer Lab Day:</b> Have students sign up for an account in Flickr.com and search for photos online about your research topic. Use the photo widget to create an RSS photo feed on your topics. Upload at least 1 of these photos to the research group in Ning.com and comment on its significance to your research topic.	<b>PBL:</b> Short lecture on concept mapping; have students draw a rough draft of a concept map for their research topic. Make sure they show the relationship between their topic and the governing topic.	<b>PBL:</b> Have students present rough drafts of maps; Have a discussion on how issues are related; Do they see any possible actions that should be taken or even possible solutions in their maps?	<b>Computer Lab Day:</b> Have students create an account in C-Map, or another diagramming program and work on creating an online concept map.	Weekend Homework: Have students search through other students photos. Have them make an entry in their blog about how another student's research topic relates to theirs.	Gliffy.com (diagramming and concept mapping)
8	Short Lecture on Social Bookmarking and Tagging; Content Lecture	<b>Computer Lab Day:</b> Have students create an account in Delicious.com, or another social bookmarking site. Find 5 links that deal with your research topic, post them to the bookmarking site and tag them. Make sure to add the tag for the research group in Ning.com so that they are imported into the group's list.	<b>PBL:</b> Talk to students about organizing a paper on their research and possible ideas to solve the issue. 3-4 pg. paper will be due in 3 weeks.	Book Day: See Questions Doc.(Question Set #4)	<b>Computer Lab Day:</b> Look at the links that others have found. Pick one that you find interesting, read something about it and make a comment on Twitter. Make a reference to the project, so your tweets will know what you are doing.	Weekend Homework: Review the videos you have been collecting for the past 6 weeks. Determine the angle of your own video on the issue you are studying.	Delicious.com (social bookmarking)

9	Short Lecture on Storyboarding; Content Lecture	<b>Computer Lab Day:</b> Have students use the Storyboard Form in PowerPoint and start to plot out their film.	Content Lecture Day	Book Day: See Questions Doc.(Question Set #5)	<b>Computer Lab Day:</b> continue with storyboard.	Weekend Homework: Have students make a blog entry on their movie storyboard; Have students make a note in Twitter to see if anyone else wants to comment; Write a short <b>peer review</b> of 2 other storyboards.	Storyboarding and PowerPoint
10	Short lecture on Podcasting; Where to find most popular podcasts series; Content Lecture	<b>Computer Lab Day:</b> Find 3 podcasts on your topic from either NPR.org, Marketplace.org, PRI.org, or the World.org Add the links to these podcasts in your social bookmarking site.	<b>Guest Speaker</b> , or use Eluminate.com to have an online speaker on the governing topic.	Movie Day: See Movie List for Topic	<b>Computer Lab Day:</b> Create an RSS feed for these podcasts and incorporate these feeds into your Start Page. Use time to find at least 2 other podcasts. Remind students to finish their essay for the wiki.	Weekend Homework: Comment on Twitter about a podcast you found. Create a blog post summarizing each of your podcasts. Listen to another student's podcast and comment about their blog post.	Podcasts and RSS Feeds
11	Short Lecture on Wikis and adding information to them. Have students write a summary of their research for the wiki.	<b>Computer Lab Day:</b> Have students join the wiki and then each student can create a page in the wiki for their topic. Have the upload text to the wiki.	Work with students to create a style guide for the wiki (fonts, colors, order of information, etc.)	Book Day: See Questions Doc.(Question Set #6)	<b>Computer Lab Day:</b> Show students how to upload images, embed an RSS feed and one or more their podcasts or videos.	Weekend Homework: Have student complete a blog entry about what they added to their wikis and how they will be improving it next week. Also, write a peer review of one other person's as a response to their blog.	Wikispaces.com (wikis)
12	Short Lecture on Movie Maker 2 and some of its basic functions; Short Lecture on Privacy, Copyright and Laws of the Net	<b>Computer Lab Day:</b> Use Movie Maker 2 to create a short film using the photos you have been collecting on your research topic. Learn how to make text slides.	Content Lecture Day	Movie Day: See Movie List for Topic	<b>Computer Lab Day:</b> Continue with Movie Maker 2, download taped interviews; import this information, use editing functions to cut interviews down.	Weekend Homework: Work on movies at home.	Movie Maker 2 (video production)
13	Content Lecture Day	<b>Computer Lab Day:</b> continue with Movie Maker 2; Work day for students; share editing ideas when possible.	<b>Field Trip</b> to an company or organization that deals with the governing issue.	Spend some time summarizing the significance of books, articles and podcasts the students have been reading and watching. How can these ideas be represented in the final project.	<b>Computer Lab Day:</b> continue with Movie Maker 2; Work day for students; share editing ideas when possible.	Weekend Homework: Finish movies; upload to Youtube or Daily Motion; Embed in Wikis	Movie Maker 2 (video production)

