

List of Wiki-scenarios to describe with DidacticProcessMap

The following scenarios can be described with a DidacticProcessMaps.

Collaborative Artifact Creation

- Creating a Case Library .
- Puzzles (Jigsaw)
- Student Extra Credit Link Lists
- Student Advice Pages
- Managing a Design Process
- Collaborative Writing
- A Collaborative Glossary
- Collaborative Adventure Game, history, fable
- Collaborative Movie Storyboard
- Excursion Report
- ...

Discussion and Review and others

- Anchored Collaboration
- Brainstorm
- Expert Reviews
- Student Curated Galleries
- Fishbowl Reviews
- Restaurant and Movie Reviews
- Expert Commentary and Annotation
- Survey
- Collaborative Minute Keeping / Minute Writing
- Collaborative Exkursion / school outing Organization
- ...

Distributed Information

- Collaborative FAQ's
- Homework Hand-In
- Help Pages
- ...

Prose description of some scenarios:

Managing a Design Process

Description: In several classes, students are engaged in a term-long design activity.

The students need to keep the teacher (and the rest of the class, in the case of wholeclass reviews of student progress) abreast of where the project is at each point in the process.

The CoWeb can help in this design process. In Irfan Essa's *Digital Video Effects* course and in Janet Murray's *Advanced Design and Production* course, students used the CoWeb to post their scripts at the right point, their storyboards at the right point, and each of their milestones for review by other members of the group and by the teacher. A review of this activity by Chrissy Hess for her IDT MS thesis showed that students used these milestone postings as anchors for discussion (see Section 5.1) and as a way of sharing collaborative work. Janet actually uses the CoWeb in class to walk through student work for class presentation.

How to Set It Up: The set-up can vary dramatically. In Irfan's class (as can be seen in the first example below), students were expected to post the various parts at the right time, but Irfan didn't actually create the pages where the students posted their milestones. In Janet's class, she created an extensive outline that students filled in at the appropriate points.

Role of the Teacher: This kind of structure can actually be an aid for both the teacher and the students. It structures the process for the students, and it makes it easier for the teacher to evaluate project process.

Examples:

_ <http://swiki.cc.gatech.edu:8080/dvfx2000/27> – one group's example step-by-step postings.

_ <http://pbl.cc.gatech.edu/lcc6114> – *Advanced Design and Production* where each phase is posted here for presentation and discussion.

11

How Successful Was It: Unknown.

Suggestions for Future Use: The design-process guide use of of the CoWeb could work in many other design-oriented classes on campus. One hindrance, however, may be the lack of read-protection on pages. In classes where students are competing against one another on the same problem, students will not be willing to discuss in plain view of the competitors.

4.8 A Collaborative Glossary

Description: Students collaboratively write a glossary of terms related to the topics of the course. In Mindy Millard-Stafford's summer course at Oxford, they did this for credit.

How to Set It Up: The teacher has to help students piece out what is each person (or group's) portion of the topic to document. Pages need to be created for the glossaries (perhaps one page per document, but at least some starting pages need to be created).

Examples:

_ <http://pbl.cc.gatech.edu/mindy/322>

How Successful Was It: Not evaluated

Suggestions for Future Use: This is a nice way of using a CoWeb to:

- _ Get students to collaborate on something of joint usefulness.
- _ Create a resource for future students to extend (or correct).
- _ Create an anchor for more discussion and more development.

Since many of the classes at Georgia Tech have a rich vocabulary, this is an activity which could be used in lots of places.

Citations from Marc Gutzdial: 'A Catalog of CoWeb Uses' ; 2002

(<ftp://ftp.cc.gatech.edu/pub/gvu/tr/2000/00-19.pdf>) , and Andreas Streiff: 'Lernen im Netz 2005 (http://www.lernklick.ch/pdf/WIKI_BROSCHEURE24-web.pdf)