

TENTATIVE SCHEDULE

Each day's class is pretty long so we will find ways of breaking it up so that we do not just discuss readings for the entire time.

Week One

Monday:

Orientation;
A local perspective on inquiry and models;
Models and Inquiry in National Science Education Reform Efforts

Tuesday

Discussion of reading related to MUSE
Reports on Analysis of the Benchmarks and Standards
Work time for textbook analysis

Wednesday

Discussion of readings on the history of inquiry and science education
Begin to develop inquiry and model typologies
Work time for textbook analysis.

Week Two

Monday

Presentation of textbook analyses
Discussion of Models (Science Education Literature) Readings
Group Work on the typologies

Tuesday

John Jungck (BioQUEST) visit
Discussion of 3 P's readings

Wednesday

Continued Discussion of readings related to models in science education

Week Three

Monday

Individual presentations on proposal for the major class project.
Discussion of the nature of inquiry in the science education literature
Group work on typologies

Tuesday

Discussion of readings on inquiry in science education
Reshaping of a lesson/lab to engage students in inquiry

Wednesday

Continue to reshape the lesson/lab
Reports on the lesson/lab