SIED 5323 – Spring 2007

Societal Context of Science Education

Final Assignment - Due April 30, 2007

Task

You are tasked with designing, developing, and implementing the beginnings of an appropriate grade level problem-based learning curriculum. You will develop a Web site and post your information on the Internet and present this information in class on April 30, 2007. The purpose is to have you demonstrate an understanding of the concepts associated with problem-based learning within a real world science topic that is appropriate for your current classroom. You should plan to include appropriate research and supporting activities within the content of your Web site.

Web Project

Each Student will post their materials on a self-developed Web site that will encompass the development of a beginning problem-based learning curriculum unit following the provided outline. You will include (as links within the site) the content from the 4 research papers, a minimum of 3 associated activities that fit into the scope and sequence of the project, and appropriate reference materials. You will be provided with a PBL Main Web Page Content Guidelines as well as a PBL Activity Guidelines to utilize as you assemble you Web site.

Presentation

Each student will have 10-15 minutes to present their materials and to field questions from classmates.

Evaluation

The evaluation for your Final grade will be a combination of your Web product that you develop and your presentation in the classroom. The rubric is a tool that combines the rankings (usually on a scale of 1 - 5) used to assess how well students understand each of the criteria with the most important ideas or concepts to be mastered in the lesson. There will be a rubric that will be used for the evaluation of the Web product (150 points) and the presentation (50 points).