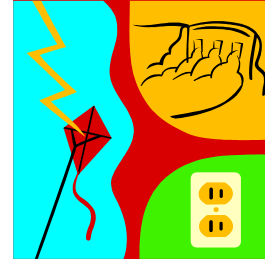


**BED/ECED 4311 - FALL 2005**

**Teaching Science in Primary Grades**

**Final Assignment - Due November 30, 2005**



**Task**

You are tasked with designing, developing, and reflecting on an appropriate grade level science activity in class that focuses on specific concepts found in science, and providing a detailed write up of this following the guidelines of the provided rubric. This paper and its presentation will be your Final assignment. The purpose is to have you demonstrate an understanding of the methods associated with inquiry based science that is appropriate for your current classroom. You should plan to include pedagogical techniques including Socratic questioning, cooperative grouping, constructivism and other methods within the content of your paper.

**Product – Design, Development, and Reflection**

The activity that you present must focus on specific concepts in science and must be different from the activity that you used for your midterm assignment. You should include a title for your activity, provide a brief introduction (or hook) to engage the learner, provide step by step instructions for doing the activity, and provide extension explorations and questions that engage the learner in making connections to real world situations. Additionally, you will provide a presentation plan for students to demonstrate their learning and a plan for how the assessment will be carried out in class. Finally, you will need to address the reflective questions in which you will demonstrate your thorough understanding of the content and connections from this course.

**Presentation**

Within a poster session format, each group of 4 students will have 30 minutes to present their plan and to field questions from classmates. Each student will be required to create a poster that will cover their main ideas and each student will deliver their overview of their curriculum design. Be sure to bring the appropriate materials you will need in order to facilitate your classroom presentation.

**Evaluation**

The evaluation for your Final grade will be a combination of your written product that you develop and your presentation in the classroom. There will be a rubric that will be used for the evaluation of the written product and the presentation. The final score that you receive will be out of a total of 160 possible points.