**Sci 465 Course Project**

**Science Unit**

Create a lesson plan for a science unit that takes 3 -5 class periods to be used in an elementary classroom. Identify the grade level you are targeting. Some aspect of *scientific inquiry* must be addressed so that the students engage in the process of science.

Include learning goals (what the students will be able to do after completing the Unit).

Use at least 4 resources (only 3 can be online). **Due 11/11**

Optional early feedback. **Due 11/14**

Pick a 20 minute section of the lesson to teach your group. Create 5 assessment questions to use on your group members (you will test them before your presentation day and after the lesson). **11/18 or 11/21**

Create a CD cover to demonstrate to teachers what content they can expect from the lessons.

**11/22** Final version of the project due in Physics department office.

**Evaluation of Final Project**

**Project Title\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

4 resources identified by deadline (4 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Learning Goals (5 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Appropriate level (5 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Reasonable length of time (5 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Students engage in Scientific Inquiry (7 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Cover Art (4 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Content and assessment questions address learning goals (15 pts)\_\_\_\_\_\_\_\_\_\_\_\_

Mechanics (spelling, punctuation, grammar, etc.) (5 pts)\_\_\_\_\_\_\_\_\_\_\_\_\_

Classmate learning based on assessment questions (10 pts)\_\_\_\_\_\_\_\_\_\_\_\_

Classmate reviews of 20 minute lesson only (20 pts)\_\_\_\_\_\_\_\_\_\_\_\_

Grading of other group members and completion of assessment questions (20 pts)\_\_\_\_\_\_\_\_\_\_\_\_

**Evaluator Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Project \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

I Presentation Comments:

1. Well organized, clear instructions (1-10) \_\_\_\_\_\_\_
2. Appropriate length of time (1-5) \_\_\_\_\_\_\_

II Content

1. Appropriate grade level (1-10) \_\_\_\_\_\_\_
2. Engaged in Scientific Inquiry (1-5) \_\_\_\_\_\_\_
3. Content addresses learning goals (1-15) \_\_\_\_\_\_\_
4. Appropriate assessment questions for

material covered (1-5) \_\_\_\_\_\_\_

TOTAL \_\_\_\_\_\_\_

**Evaluator Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Project \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Project \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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