

SEC 404/504 and SEC 406/LIC 506
Inquiry into mathematics and science through the use of technology ☺
Assignment: **Due Thursday, October 9, 2014**

Directions: There are 4 products you need to submit to your instructor next Thursday. The goal of the two experiments is to simultaneously engage in mathematics and science. Consequently, the laboratory products should address BOTH mathematics and science.

1. Complete Station #1 (Experiment 33) – Laboratory Handout
2. Complete a one-two page reflection (below are some ideas to write about)
 - a. What did you enjoy about this type of “recipe-based” laboratory experience?
 - b. What was the math and science content? Was the content understood?
 - c. Would you be willing to work in an interdisciplinary team in the future?
 - d. Are there implementation barriers for teachers who want to integrate mathematics, science, and technology?
3. Complete Station #2 (Experiment 3) – The Greenhouse Effect
4. Complete a one-two page reflection (below are some ideas to write about)
 - a. What did you enjoy about this type of “inquiry” themed laboratory experience?
 - b. What was the math and science content? Was the content understood?
 - c. Would you be willing to work in an interdisciplinary team in the future?
 - d. Are there implementation barriers for teachers who want to integrate mathematics, science, and technology?