Friday, September 28th, 2012

Unit: Scientific Inquiry Topic: SI Units	Date: 9/28/2012 Class: Biology

Michigan Biology Objectives:
B1.1C Conduct scientific investigations using appropriate tools and techniques (e.g., selecting an instrument that measures the desired quantity—length, volume, weight, time interval, temperature—with the appropriate level of precision).

Illinois Objectives:
11.11.01 Understand and follow procedures relating to scientific investigations, including understanding the design and procedures used to test a hypothesis, organizing and analyzing data accurately and precisely, producing and interpreting data tables and graphs, performing appropriate calculations, applying basic statistical methods to the data, identifying appropriate conclusions, making predictions, and evaluating competing models.
11.11.08 Given a description of a test to be performed on a model, select from a list of options what are the possible sources of error in conducting the test.

My Lesson Objectives:
- Students will be able to measure length using the standard SI units.

Activities:	Materials/Equipment:
• Students take quiz (10 minutes) • Review homework (15 minutes) • Students do a measuring lab where they use metric tape and measure different objects in the room. Then they finish some analysis questions at the end of the lab. DUE: At the end of the hour!	• copies of making metric measurements part I • Overhead projector • Overhead transparencies • metric ruler tape

Assessment: (Embedded, Formal)
Embedded: Understanding SI units worksheet (they turned in today). I will circle the room during the lab and check to see if the students are understanding how to go about doing the lab.
Formal: Quiz.