

**SCIENCE FOCUS LESSON**

LP6

**SUBJECT AREA: SCIENCE****GRADE LEVEL: 6****STRAND: H THE NATURE OF SCIENCE****BENCHMARK: SCH131,132,133, 136.335.336**

**BENCHMARK CLARIFICATION STATEMENT:** Students uses the scientific processes and habit of mind to solve problems: Students will distinguish between observations and inferences. Students will identify the role of each variables, control and constant in an experiment. Students understand only one variable can be changed at time in an experiment. Students understand that multiple trials must be performed to increase the reliability of an experiment Students understand why a control is used in an experiment.

**INSTRUCTION DATE: MON. 10/06/ - FRI. 10/11/ 2008****TIME FRAME:**  (10 – 15 MIN. Mini Lesson)**ASSESSMENT DATE: OCT. FRI. 10/11****xx (50 – 90 MIN. Focus Lesson)****ITEM TYPE:** **xx MC** (multiple-choice) **xx SR** (short response)  **ER** (extended response) **GR** (girded response)

**EXPLICIT DIRECT INSTRUCTION:** Students will participate in a vocabulary scramble match. Students will analysis a picture to distinguish between observations and inferences. Students will review a sample investigation to identify the variables, controls and constants. Students will discuss the role of variables, controls and constants in an experiment.

**ATTACHED GRAPHICS** (What type of graphics is appropriate if applicable: tables, graphs, etc.)**STUDENT ENGAGEMENT ACTIVITY / PRACTICE:**

- ◆ Students in cooperative teams will receive 1 baggie of definitions and 1 baggie of vocabulary words. Students must match the correct term with the correct definition. (Students try to be the team with the most matches in a limited time frame).

**ALIGNED INSTRUCTIONAL MATERIALS & RESOURCES NEEDED:** Science book, reproducible resources. Baggie of chapter vocabulary words cut in strips, and baggies of definition for each word cut in strips. Chapter 1 Section 2

Homework assigned per lesson

**THINGS TO REMEMBER WHEN DELIVERING THE LESSON:**