

Variable Unit Review

Date of test: Tuesday and Wednesday, Jan 10-11

- A. **Performance Test** – You will need to be able to perform an investigation on an item by changing its variables to change the outcome.
- B. **Vocabulary** - control variables, pendulum, capacity, system, independent variable, dependent variable, cycle, standard, two-coordinate graph, hypothesis,
(<http://www.fossweb.com/modules3-6/Variables/index.html>)
- C. **Narrative Section** - You will read about a couple of investigations. You will need to know what variables were tested, which variables were controlled, and offer ideas to improve the experiments. You will also answer multiple choice questions about these investigations.
- D. **Project** – Your experiment, which you are doing at home, will count as part of your test grade. Remember to include all the parts of the Scientific Process:
- a. Question,
 - b. Hypothesis
 - c. Procedure/Experiment
 - d. Record Results
 - e. Conclusion

Fill in the blanks with the appropriate vocabulary word.

System	Controlled experiment	variable
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A _____ is a set of objects that is working together. A _____ is anything that can change an experiment that might affect the outcome. A _____ is when one, and only one, variable is changed in order to assess the effect.