CVC Quiz
Study Guide Topics

Date of Assessment: _________________

1. List the five steps of the scientific method in order and define each step.
2. What is the difference between an independent variable and a dependent variable?
3. Why should experiments be designed to include only one independent variable?
4. Why is it necessary to have a control in an experiment?
5. What is the term used to describe the aspects of an experiment that the scientist keeps exactly the same?
6. What are sources of error in an experiment?
7. What term do we use to describe the steps or directions followed during an experiment?
8. If you don’t know much about a subject you are asked to make a hypothesis about, what should you do?
9. What is a lab extension?
10. Application: You should be able to read about any experiment and pick out the steps of the scientific method, constants, independent variable, dependent variable, control, and any sources of error. Use the examples of the many experiments included on assignments discussed in class to review this skill.