

# Unit 1: Introduction to Science

## Exam Review Sheet

										1									
										2									
3										4									
										5									
										6									
										7									
										8									
										9									
										10									
										11									
										12									
										13									
										14									
										15									
										16									
										17									
18																			
										19									
										20									

Name \_\_\_\_\_ Date \_\_\_\_\_ Mod \_\_\_\_\_ Exam Date \_\_\_\_\_

**A. Use the following clues to complete the crossword puzzle.**

**Across**

1. measurements that are combinations of base measurements
2. an organized procedure for testing a hypothesis
3. the process of using your senses to gather information
6. the application of science to meet human needs
7. a representation of an object or an event that can be studied
13. a tested, possible explanation of a natural event
15. a system of knowledge based on facts and principles
16. the country that invented the metric system
17. the amount of matter in an object
18. the decision made after analyzing the results of the experiment
19. a measurement that depends on the force of attraction (gravity) between the object and the Earth
20. these must be worn any time we are working with heat, glass, or chemicals

**Down**

1. this variable is changed by another variable.
4. the fundamental units of measurement in the SI system
5. as the U.S. Secretary of State, he pushed for the U.S. to adopt the metric system
8. a standard for comparison
9. a series of logical steps to follow in order to solve problems
10. a summary of an observed natural event
11. a factor that does not change in an experiment
12. a testable prediction made using all of the data available
14. this variable is not changed by the experiment

**B. Complete the following table:**

Base Measurement	Unit	Unit Abbreviation

**C. Write the acronym for using a fire extinguisher and define each letter:**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Also on the exam:**

- Be able to identify lab equipment.
- Know the location of the safety equipment and the basic guidelines of safety.
- Be able to identify parts of the scientific method (hypothesis, IV, DV, etc.).