**INCLEMENT WEATHER DAY ONE**

**Research and complete the TRUE/FALSE and the CRITICAL READING SECTIONS.**

**WRITE THE QUESTIONS WITH THE ANSWERS**

**Lesson 1.1: True or False**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_**

*Write true if the statement is true or false if the statement is false.*

1. \_\_\_\_\_\_\_\_\_\_A scientific law is a broad explanation that is supported by a great deal of evidence.
2. \_\_\_\_\_\_\_\_\_\_Scientists use the term theory in a different way than the term is used in everyday language.
3. \_\_\_\_\_\_\_\_\_\_Once an idea becomes a scientific theory, it can never be rejected or changed.
4. \_\_\_\_\_\_\_\_\_\_Scientists explain the world based on their observations.
5. \_\_\_\_\_\_\_\_\_\_A scientific theory becomes a scientific law if more evidence is found to support it.
6. \_\_\_\_\_\_\_\_\_\_Science is best defined as a collection of facts about the natural world.
7. \_\_\_\_\_\_\_\_\_\_A questioning attitude is part of what it means to think like a scientist.

**Lesson 1.1: Critical Reading**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_**

*Read this passage based on the text and answer the questions that follow.*

Most people think of science as a collection of facts or a body of knowledge. For example, you may have memorized the processes of the water cycle. The processes include evaporation and precipitation. Such knowledge of the natural world is only part of what science is.

Science is as much about doing as knowing. Science is a way of learning about the natural world that depends on evidence, reasoning, and repeated testing. Scientists explain the world based on their observations. If they develop new ideas about the way the world works, they set up ways to test these new ideas. Scientific knowledge keeps changing because scientists are always “doing science.”

**Questions**

1. What is science?
2. Why is science as much about doing as knowing?
3. Why does scientific knowledge keep changing?