

## Scientific Inquiry Link Scientific Inquiry Reading

**Directions:** On the line before each definition, write the letter of the term that matches it correctly. Each term is used only once.

- \_\_\_\_\_ 1. a statement of what will happen next in a sequence of events
- \_\_\_\_\_ 2. an explanation of observations or events that is based on knowledge from many observations and investigations
- \_\_\_\_\_ 3. a logical explanation of an observation that is drawn from prior knowledge or experience
- \_\_\_\_\_ 4. a possible explanation for an observation that can be tested by scientific investigations
- \_\_\_\_\_ 5. the investigation and exploration of natural events and the new information that results from those investigations
- \_\_\_\_\_ 6. using one or more of your senses to gather information and taking note of what occurs
- \_\_\_\_\_ 7. a rule that describes a repeatable pattern in nature
- \_\_\_\_\_ 8. the practical use of scientific knowledge, especially for industrial or commercial use
- \_\_\_\_\_ 9. comparing what you already know with the information you are given in order to decide whether you agree with it

- A.** science
- B.** observation
- C.** hypothesis
- D.** prediction
- E.** inference
- F.** scientific theory
- G.** critical thinking
- H.** technology
- I.** scientific law