

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.

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| _____ | 1. a statement of what will happen next in a sequence of events | A. science |
| _____ | 2. an explanation of observations or events that is based on knowledge from many observations and investigations | B. observation |
| _____ | 3. a logical explanation of an observation that is drawn from prior knowledge or experience | C. hypothesis |
| _____ | 4. a possible explanation for an observation that can be tested by scientific investigations | D. prediction |
| _____ | 5. the investigation and exploration of natural events and the new information that results from those investigations | E. inference |
| _____ | 6. using one or more of your senses to gather information and taking note of what occurs | F. scientific theory |
| _____ | 7. a rule that describes a repeatable pattern in nature | G. critical thinking |
| _____ | 8. the practical use of scientific knowledge, especially for industrial or commercial use | H. technology |
| _____ | 9. comparing what you already know with the information you are given in order to decide whether you agree with it | I. scientific law |