GRADE 7: SCIENCE: 15 October 2021

A. Scientific Theory and Scientific Laws.

1. Scientific Theory

A Scientific Theory is an explanation of observations or events based on knowledge gained.

2. Scientific Laws:

A Scientific Law describes a pattern or an event in nature that is always true.

Use the information above to complete the statements by filling in the missing words:

1. A Scientific Theory is _____ of observations based on knowledge gained.
2. A Scientific Law describes a pattern or event in nature that is _____

B. Evaluating Scientific Evidence

1. Critical Thinking:

Comparing what you already know with the information you are given in order to decide whether you agree with it.

2. Bias:

Bias is intentional or unintentional preferring one thing above another, to favour that thing towards a specific outcome and should not be part of Scientific Inquiry.

Minimize Bias by: Sampling, Blind Study and Repetition.

Use the information above to choose the correct answer by filling in the correct letter or word in the given spaces:

3. Which of the following should not be part of Scientific Inquiry?

A. Hypothesis B. Testing

C. Analysis D. Bias

4. Give 3 ways in which Bias can be minimized during Scientific Inquiry.

LIVEWORKSHEETS