

1.1 Understanding Science

Worksheet

Objectives:

1. Recall the branches of Science
2. Recall the steps of Scientific method
3. Differentiate between Scientific theory and law
4. Define bias and sampling

Fill in the blanks

1. Science is the study of the natural world through _____ and _____.
2. _____, _____ and _____ are the three branches of Science.
3. Earth Science is the study of _____.
4. In physical science, we study about energy and _____.
5. The first step of scientific method is _____.
6. The results of Scientific method are _____, _____, _____.
7. The practical use of scientific knowledge, especially for industrial or commercial use is called _____.
8. A _____ describes a pattern or an event in nature that is always true.
9. _____ is an explanation of observations or events based on knowledge gained from many observations and investigations.
10. _____ is comparing what you already know with the information you are given in order to decide whether you agree with it.
11. A _____ is when you prefer one answer over the other.
12. There are two ways to reduce bias. They are _____ and _____.
13. The process of experimenting on a small group rather than a large group is called _____.
14. In the corona vaccine testing, you test only a group of people and not everyone in the country. This is called _____.