

Science Vocabulary Partner Practice

1. What is *science*?
1. *Science* is the method or process of obtaining knowledge about nature.
2. What is a *hypothesis*?
2. A *hypothesis* is an educated guess about the answer to a question that can be tested.
3. What is the *conclusion* in the Scientific Method?
3. The *conclusion* is the summary of an experiment, based on data related to the hypothesis.
4. What does *technology* mean?
4. *Technology* is the application of scientific knowledge to improve life.
5. Name the 4 *SI Units* and what they measure.
5. The *meter* measures distance. The *liter* measures liquid volume. The *gram* measures mass. *Celsius* measures temperature.
6. What does *volume* mean?
6. *Volume* is the measure of how much space something takes up.
7. What is *mass*?
7. *Mass* is the amount of matter in an object.
8. What is *weight*?
8. *Weight* is the measure of the force of gravity acting on matter.
9. Name the 5 *steps of the Scientific Procedure* in order.
9. The 5 *steps of the Scientific Procedure* are: problem, hypothesis, procedure, observations, and conclusion.
10. What is the *variable* in a scientific experiment?
10. The *variable* is the part of the experiment that is changed in order to find out the effects of the change.
11. What is the *procedure* or *experiment* in the Scientific Procedure?
11. The *procedure* or *experiment* is the series of steps used to find the answer to a problem (question).
12. Name the 6 *SI prefixes* and what they mean.
12. *Kilo-* means 1000, *hecto-* means 100, *deka-* means 10, *deci-* means one tenth, *centi-* means one hundredth, and *milli-* means one thousandth.
13. What is the *control* in a scientific experiment?
13. The *control* is the part of an experiment kept the same to be used for comparison.