

## Science Worksheet

### Grade 5

Select the most appropriate answers for the following multiple choice questions on Scientific Method

1. The scientific method involves
  - a. Forming hypothesis
  - b. Testing hypothesis
  - c. Analyzing data and drawing conclusion
  - d. All of the above
2. A hypothesis
  - a. Must be based on existing knowledge
  - b. Must be complex
  - c. Must be unempirical
3. The imitation of the real thing or process is called?
  - a. Imitation
  - b. Simulation
  - c. Virtual testing
4. Where can science happen in our world?
  - a. only in labs
  - b. only outside
  - c. it can happen anywhere
5. Why do scientist use the scientific method?
  - a. They have to in order to get paid for their work
  - b. They want to because its fun
  - c. It helps them show that their answer to a question is correct.
6. What is evidence?
  - a. Something that scientists measure to help prove that they are right.
  - b. Something scientists make and then sell for money.
  - c. Something scientists try to avoid collecting.
  - d. Something scientists love but can never find.
7. The use of our senses to understand the world around us is
  - a. Inference
  - b. Hypothesis
  - c. Predict
8. The first step in the scientific method is
  - a. Ask a question
  - b. Make an observation
  - c. Communicate the results
9. A possible answer to a question or problem. Also called an educated guess.
  - a. Inference
  - b. Observation
  - c. Hypothesis
10. Anything that can change in an experiment is called a \_\_\_\_\_
  - a. measurement
  - b. variable
  - c. observation

