

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

