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

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