

Basic and Integrated Science Process Skills Exit Quiz – Student Edition

Choose the **letter** of the correct answer for each question.

1. What is the difference between qualitative and quantitative data?
 - a. Qualitative data is collected using the five senses
 - b. Quantitative is data that contains numbers
 - c. Neither a or b
 - d. Both a and b

2. The variable that is being manipulated in an experiment.
 - a. Independent
 - b. Dependent
 - c. Constant
 - d. Control

3. Which part of the scientific process is last?
 - a. Hypothesis
 - b. Conclusion
 - c. Collecting Data
 - d. Testing

4. Which statement is a hypothesis?
 - a. I think dogs like treats.
 - b. The asphalt on the road is hot in the summer.
 - c. I think studying, running, and drinking water will help me in school.
 - d. If a plant is given no sunlight, then it will not grow.

5. After you collect data, what should be your next step?
 - a. Hypothesis
 - b. Conclusion
 - c. Analyze and create models
 - d. Test