

# Scientific Method Revisited

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## Understanding God's Creation Through Investigation

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the lesson about the scientific method.

1. What are the five main steps of the scientific method? List and briefly describe each step.

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2. What is the first step of the scientific method?

- A. Hypothesis
- B. Observation
- C. Data Analysis

3. The scientific method is a way to understand God's creation.

True       False

4. God provides \_\_\_ for systematic investigation.

5. How does the scientific method help us understand God's world?

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6. What makes a good scientific question?

- A. It is vague and broad.
- B. It can be tested and answered through investigation.
- C. It is not related to observations.

7. Data collection and analysis are not important in the scientific method.

True       False

8. During the experimental design step, a fair and \_\_\_ investigation is created.

9. Why is it important to analyze data in the scientific method?

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10. According to Proverbs 2:6, who gives wisdom?

- A. Teachers
- B. Friends
- C. Yahweh

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Answer Key

1. 1. Observation: Noticing details. 2. Question: Asking questions. 3. Hypothesis: Making predictions. 4. Experiment: Testing ideas. 5. Analysis: Interpreting data. 2. Observation 3. True 4. wisdom 5. It allows us to ask questions and explore the details of creation, leading to greater knowledge and appreciation of God's work. 6. It can be tested and answered through investigation. 7. False 8. controlled 9. Analyzing data helps us understand the results of our experiments and determine if our hypothesis was correct. 10. Yahweh