

Understanding Scientific Questions

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Reviewing What Makes a Question Testable

Name: _____

Date: _____

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

1. What makes a question scientific?
 - A. It can be answered with a yes or no
 - B. It can be tested by observation or experiment
 - C. It is a question about feelings

2. Good scientific questions have clear ____.

3. Why can't all questions be answered by science?

4. Which of these is an example of a scientific question?

- A. What is your favorite color?
- B. How does sunlight affect plant growth?
- C. Why do people like ice cream?

5. Match the question to whether it is scientific or non-scientific.

What causes rain?

Scientific

What is the best ice cream flavor?

Non-scientific

6. How can curiosity help us learn about God's world?

7. Can we test every question we have?

- A. Yes, all questions can be tested
- B. No, some questions cannot be tested
- C. Only scientific questions can be tested

8. Proverbs 2:6 teaches us that Yahweh gives ____ and understanding.

9. What is a good example of a testable scientific question?

10. Why is it important to ask scientific questions?

- A. They help us learn and understand the world
- B. They are always easy to answer
- C. They don't need any experiments

Answer Key

1. It can be tested by observation or experiment 2. variables 3. Because some questions are about feelings or beliefs, which cannot be tested. 4. How does sunlight affect plant growth? 5. Scientific 6. Curiosity helps us ask questions and seek answers about nature and creation. 7. No, some questions cannot be tested 8. wisdom 9. How does changing the amount of water affect plant growth? 10. They help us learn and understand the world

