

# Understanding Scientific Models

BibleMouse.com

## 4th Grade Science Review

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

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

Answer the following questions based on what you learned about using models to explain scientific concepts.

1. What did you learn about explaining scientific ideas? Provide two key points.

---

---

---

2. What is one purpose of a scientific model?

- A. To confuse people
- B. To simplify complex ideas
- C. To hide information

3. Models are only used by scientists and are not helpful in everyday life.

- True       False

4. Good models help us \_\_\_\_\_ scientific concepts.

5. Which of the following is a benefit of using models in science?

- A. They make things more complicated
- B. They help explain discoveries
- C. They are always correct

6. How can we make complex ideas easier to understand for others? Give one method.

---

---

7. The words of a man's mouth are compared to deep waters in Proverbs 18:4.

- True       False

8. Models are simplified representations that help explain \_\_\_\_\_ concepts.

9. What can we create to communicate our scientific model effectively?

- A. A poster
- B. A song
- C. A video game

10. Why is it important to communicate scientific ideas clearly?

---

---

---

### Answer Key

1. I learned that good explanations simplify complex ideas and help others understand better. 2. To simplify complex ideas 3. False 4. understand 5. They help explain discoveries 6. We can use visual aids like diagrams or models to help explain our ideas. 7. True 8. complex 9. A poster 10. It's important because clear communication helps others understand and learn from our knowledge.