

Motion and Patterns Review

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Understanding Predictions in Science

Name: _____

Date: _____

Answer the following questions based on what you learned about predicting motion outcomes.

1. What do scientists use to guess what might happen?

- A. Colors
- B. Patterns
- C. Shapes

2. Yahweh by wisdom founded the ____.

3. Why is careful observation important when making predictions?

4. Match the prediction actions to their descriptions.

Make a prediction

Guess what might happen

Test a prediction

See if the guess is correct

5. What did we do during the Prediction Challenge?

- A. Guess colors
- B. Make predictions about car movement
- C. Count objects

6. By understanding, God established the ____.

7. What did you learn about making scientific predictions?

8. Which of the following is a key scientific skill?

- A. Ignoring patterns
- B. Prediction
- C. Guessing randomly

9. Changing the ramp can affect the car's ____.

10. What patterns have you noticed in your previous experiments?

Answer Key

1. Patterns 2. earth 3. It helps us make better guesses about what will happen. 4. Guess what might happen 5. Make predictions about car movement 6. heavens 7. I learned that predictions need to be tested to see if they are right. 8. Prediction 9. movement 10. I noticed that steeper ramps make cars go faster.