

Friction: The Force That Slows Things Down

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Understanding How Friction Affects Motion

Name: _____

Date: _____

Answer the following questions about friction and how it works.

1. What is friction like according to the lesson?

- A. A booster
- B. A tiny brake
- C. A rocket

2. Friction helps us walk without ____.

3. What happens when surfaces are super slippery?

4. Match the surface to the amount of friction it creates.

Carpet

High Friction

Ice

Low Friction

5. What is one way we can test friction?

- A. By cooking
- B. By testing toy cars
- C. By reading books

6. God designed different surfaces to create different amounts of ____.

7. Why do you think some surfaces have more grip than others?

8. Which surface stopped the toy car the fastest?

- A. Sandpaper
- B. Smooth wood
- C. Ice

9. Why does friction slow down moving objects?

10. According to Proverbs 3:19, God used wisdom to found the ____.

Answer Key

1. A tiny brake 2. slipping 3. Things would slide around easily and we could fall. 4. High Friction 5. By testing toy cars 6. friction 7. Some surfaces are rougher which creates more friction. 8. Sandpaper 9. Friction pushes against the movement, making things slow down. 10. earth