

Understanding Forces: Pushes and Pulls

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5th Grade Science Review

Name: _____

Date: _____

Answer the following questions based on what you learned about forces.

1. What is the definition of a force?

- A. A type of motion
- B. A push or pull that can change motion
- C. An object that moves

2. Can you give an example of a push and a pull?

3. Forces can only make objects move in one direction.

- True False

4. Forces can be classified into different types, such as ____, friction, and muscular force.

5. Which of the following is an example of friction?

- A. Sliding on ice
- B. Pushing a shopping cart
- C. Pulling a sled up a hill

6. How can understanding forces help us see God's power in the universe?

7. God sustains and maintains the universe through His power, similar to how forces affect motion.

- True False

8. Colossians 1:17 states, 'He is before all things, and in him all things ____ together.'

9. What happens when a force is applied to an object?

- A. The object can stay still
- B. The object can change motion
- C. The object will always move faster

10. Can you think of times when you use a push or pull in your daily life? Give two examples.

Answer Key

1. A push or pull that can change motion 2. A push can be when I shove a door open, and a pull can be when I pull a drawer out. 3. False 4. gravity 5. Sliding on ice 6. Understanding forces shows us how things interact and move. It reminds us that God created these forces to hold everything together and maintain order in the universe. 7. True 8. hold 9. The object can change motion 10. I use a push when I kick a soccer ball, and I use a pull when I open a refrigerator door.