

Grade 4 Science Worksheet:1 (DifficultyLevel: Easy)

Name: _____ | Date: _____

Section 1: Multiple Choice Questions

Circle the correct answer:

1. Which of the following is a type of force?
 - a) Jump force
 - b) Push and pull
 - c) Magic force
 2. Gravity is a force that:
 - a) Pushes objects upward
 - b) Pulls objects toward the ground
 - c) Makes objects spin
 3. Which force slows down a bicycle when you apply the brakes?
 - a) Friction
 - b) Magnetic force
 - c) Wind force
 4. Magnetic force is strongest:
 - a) At the center of a magnet
 - b) At the ends of a magnet
 - c) When the magnet is far away
 5. Which force allows a parachute to float gently to the ground?
 - a) Gravity
 - b) Air resistance
 - c) Friction
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Section 2: Fill in the Blanks

1. _____ is a force that pulls objects toward the Earth.
 2. When you rub your hands together, _____ force is created.
 3. Magnets can _____ or repel certain materials.
 4. _____ is a force that helps you ride a bicycle by pushing against the ground.
 5. Airplanes overcome _____ resistance to fly in the sky.
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Section 3: Match the Forces

Match the force to its example:

1. Friction
2. Gravity
3. Magnetic force
4. Air resistance
5. Push force

Examples:

- a) A car slowing down on a road
 - b) A magnet picking up paperclips
 - c) A person kicking a football
 - d) A feather floating to the ground
 - e) An apple falling from a tree
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Section 4: True or False

1. Gravity pushes objects away from the Earth.

 2. Friction helps you walk without slipping.

 3. A magnet attracts all types of metals.

 4. Air resistance makes it easier for things to fall faster.

 5. Pushing and pulling are examples of forces we use every day.

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Section 5: Short Answer Questions

1. What is gravity? Give one example of how it works.

2. How does friction help us in daily life?

3. Name one thing that magnets can attract and one thing they cannot.

4. What is the difference between a push and a pull force?

5. How does air resistance help parachutists land safely?

Section 6: Activity Challenge

Draw a Picture!

Draw a picture of a force in action, such as someone kicking a ball, a magnet attracting nails, or a car slowing down. Label the force in your picture!

Enjoy learning about how forces make the world around us move and work! 😊

BE CHAMPION