

Name \_\_\_\_\_

## How Forces Shape Our World

### Multiple Choice Questions

1. What role do forces play in machines?
  - a) They make machines colorful.
  - b) They power machines and make them work.
  - c) They create sound in machines.
  - d) They keep machines from moving.
  
2. How do forces contribute to the movement of a car?
  - a) By making the car invisible
  - b) By generating force in the engine to propel the car
  - c) By creating friction on the road
  - d) By making the car float in the air
  
3. In which sport do high jumpers use forces to clear a bar?
  - a) Soccer
  - b) Swimming
  - c) High jump
  - d) Cycling
  
4. What role do forces play in the movement of trains?
  - a) They provide snacks to passengers.
  - b) They generate propulsion to move the train.
  - c) They control the temperature inside the train.
  - d) They make the train cars colorful.
  
5. How do rockets use forces in space exploration?
  - a) To bake cookies for astronauts
  - b) To provide oxygen for astronauts
  - c) To propel the rocket out of Earth's gravitational pull
  - d) To create artificial gravity in space

