

Name \_\_\_\_\_

## How Forces Shape Our World

### Open-Ended Response Questions

1. Imagine you are an engineer designing a new mode of transportation for the future. Describe the type of transportation you would create, how forces would be involved, and the benefits it would offer compared to existing modes of transportation.
2. Discuss the importance of understanding forces in everyday life, from a child's perspective. How do forces make activities like playing sports or riding a bike more enjoyable?
3. Think about a significant scientific discovery or technological innovation that harnessed the power of forces. Explain the impact it has had on society and the world at large.
4. Forces are crucial in the construction of tall buildings and skyscrapers. Describe how engineers use forces to ensure the stability and safety of these structures.

