

Name _____

The Surprising World of Newton's Third Law

Open-Ended Response Questions

1. Explore the historical context in which Sir Isaac Newton formulated his laws of motion, with a focus on the impact of the third law on our understanding of the physical world.
2. Investigate and explain the concept of momentum and how it relates to Newton's third law of motion.
3. Imagine a world where Newton's third law did not hold true. How might everyday life and technology be different in such a world?
4. Research and describe an innovative technology or invention that utilizes Newton's third law of motion in a unique and unexpected way.

