

FORCES AND MOTION

Student Reflection Questions

Part 1: Forces: Push, Pull and Friction

Reflection Questions:

1. Force is used to move objects. Pushing is one type of force used to make objects move. What is another type of force used to make objects move?

2. A top spins, slows down, and comes to a stop. Why does the top stop spinning?

Part 2: Newton's First Law of Motion

Reflection Questions:

1. An object at rest stays at rest. What does at rest mean?

2. In the movement maze, the marble hit obstacles in its way. What happened to the marble when it hit the first obstacle?

Part 3: Newton's Third Law of Motion

Reflection Questions:

1. For every action, there is an equal and opposite reaction. This is the Third Law of Motion. Which scientist discovered this law?
2. When you blow up a balloon and let go of it, what happens?

Part 4: Balance & Counterweight

Reflection Questions:

1. If something is balanced, it doesn't topple or fall over. Do you think you can balance on one foot? Try it!
2. The parrot did not balance at first, so we added a counterweight. How did adding a counterweight help to balance the parrot?