

Key vocabulary.

Force – a push or a pull on an object.

Balanced Forces – forces that are equal and do not change an object's movement.

Unbalanced Forces – forces that cause an object to start moving, stop, or change direction.

What is a force, and how can it change the way an object moves?

How does friction affect the movement of objects?

What is gravity, and how does it act on objects on Earth?

What are air resistance and water resistance, and how do they affect moving objects?

How do levers, pulleys, and gears make work easier?

