

All about Forces

A toy car moves when you push it.

Astronauts float in space because there's very little gravity.

We use forces every day, like pushing a swing or pulling a door.

Friction slows things down when they rub together.

A force is a push or a pull.

There are different types of forces that affect how things move.

Without forces, nothing would move at all.

Air can be a force too—it's called air resistance.

Roller coasters use different forces to go fast or slow down.

Forces help things move, stop, or change direction.

Forces can also change the shape of things, like squeezing a sponge.

A wagon moves when you pull it.

Gravity pulls things down to Earth.

Forces make things start or stop moving.

Magnetic force pulls or pushes without touching.