

Nova's Guide to Fantastic Forces

Get moving with Nova the Owl! Discover how the world pushes and pulls around you.

- A force is a push or a pull that can make an object change speed, shape, or direction.
- Friction is a force that acts between two surfaces when they rub against each other.
- Magnets have two ends called poles, which are the North Pole and the South Pole.
- When two magnets have the same poles facing each other, they repel, which means they push away.
- When two magnets have opposite poles facing each other, they attract, which means they pull together.

Did you know? Did you know that friction is a special force that acts like a brake? When two surfaces rub together, friction slows things down! Without friction, you would slide across the floor every time you tried to take a step.

Key vocabulary: Force · Push · Pull · Friction · Magnet · Attract · Repel · Surface