

## Key Facts:

### Forces

Friction is the resistance on surfaces and objects when moving over each other.

### Magnets

A magnet does not need to touch an object to create a force.

Magnets attract and repel forces on each other.

Magnets have two poles, North and South

Some surfaces are magnetic and others are non-magnetic

Magnets attract to some materials

Magnetic forces are affected by magnet strength, object mass, distance from the surface and material of the object.

## What I should already know:

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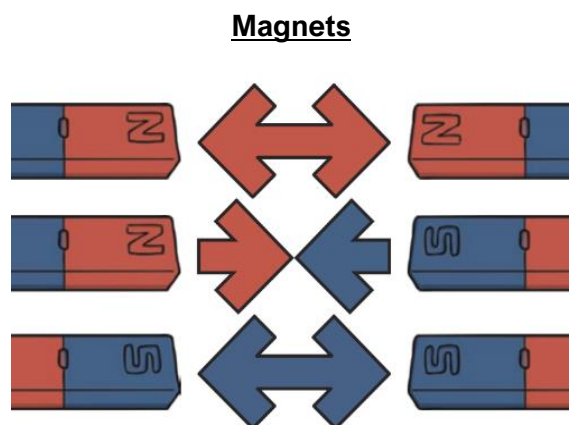
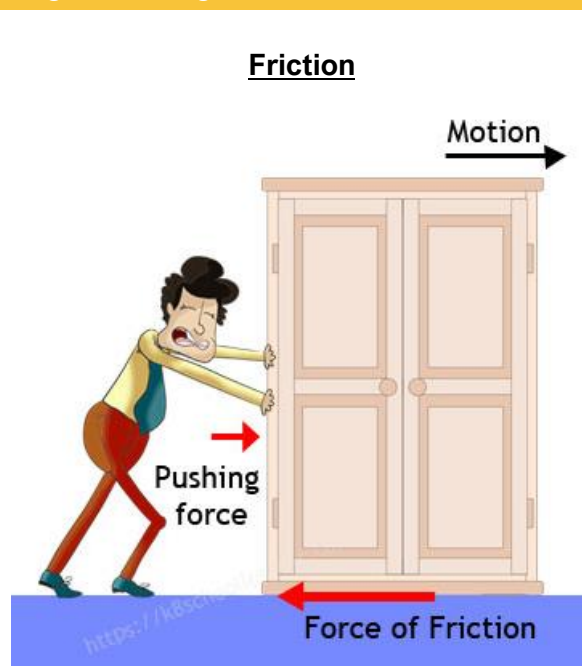


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## Diagrams/Images:



## Key Vocabulary

<b>force</b>	A force is a push or a pull on an object.
<b>resistance</b>	A force that opposes or slows down another force.
<b>Newton</b>	The unit used to measure a force.
<b>magnetic</b>	Materials which are attracted to the magnetic field of a magnet.
<b>non-magnetic</b>	Materials which are not attracted to the magnetic field of a magnet.
<b>pole</b>	North and South poles are found at different ends of a magnet.
<b>repel</b>	A force that pushes an object away.
<b>attract</b>	A force that pulls objects together.

## Working Scientifically

- To ask relevant questions.
- To set up simple practical enquiries, comparative and fair tests.
- To make careful observations.
- To report findings from enquiries.