



Year 3 – Autumn

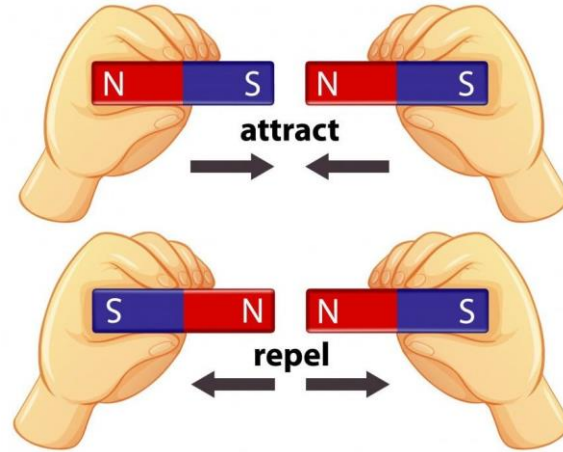
Forces and Magnets

By the end of the unit I will know

- Some forces are **contact forces** like pushes and pulls
- Some forces are **non-contact forces**, like the magnetic force
- Magnets attract only *some* objects
- Two magnets can attract or repel each other
- How objects move on different surfaces

Skills I will develop

- How to use a newton meter to measure forces
- How to write a conclusion



Sentence 1
What is your answer to your scientific question?

I have found out that... I have discovered that... I think that... The answer to my question is...

Sentence 2 Reason

Why does your evidence make you think this?

I think this because I observed...

My measurements show this because...

My Venn diagram shows this because...

My tally chart shows this because...

My Carroll diagram shows this because...

My pictogram shows this because...

My block diagram shows this because...

Sentence 3 Reason

What other reason does your evidence make you think this?

I think this because I observed...

My measurements show this because...

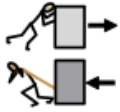


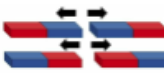

My Venn diagram shows this because...

My tally chart shows this because...

My Carroll diagram shows this because...

My pictogram shows this because...

My block diagram shows this because...

 contact force	a push or a pull that needs objects to touch
 non-contact force	a push or a pull where objects don't have to touch
 attract	a force pulling objects together
 repel	a force pushing objects apart
 magnetic poles	the strongest parts of a magnet

I should already know

- Pushes and pulls can move objects or make them stop moving
- Pushes and pulls can change the shape of materials
- An **object** is the thing we are talking about (spoon) and the **material** is what it is made from (metal)