

Year 3 Science
Focus: Forces & Magnets

In Year 3 children will learn to:

- Compare how things move on different surfaces.
- Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance.
- Observe how magnets attract or repel each other and attract some materials
- Predict whether 2 magnets will attract or repel each other
- Compare and classify (group together) a variety of everyday materials on the basis of whether or not they are magnetic
- Identify some magnetic materials

Key Knowledge:

Age related scientific vocabulary			
friction	Friction makes it harder for a moving object to continue. Friction creates heat like when you rub your hands together.	magnet poles	A magnet has two ends known as poles. They are called North and South. Opposite poles attract. Same poles repel.
gravity	Gravity is the force that pulls everything to the centre of the earth.	force	A force changes the way something moves.
resistance	Air or water resistance slow moving objects down.	attract	If the North and South poles of a magnet are facing each other, the magnets will attract.
accelerate	If an object is pushed or pulled, it can accelerate or move faster.	repel	If the North and North OR South and South poles are facing each other, the magnets will repel.

Types of Force

