

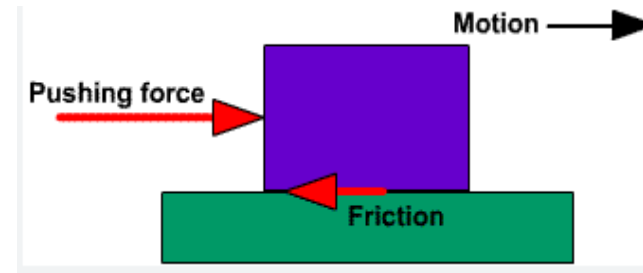
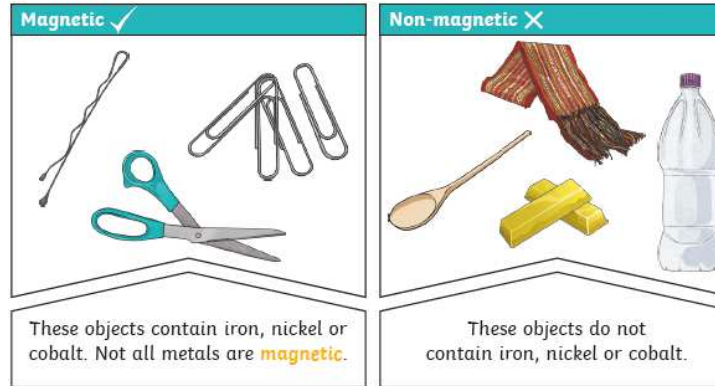
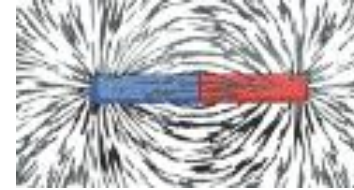
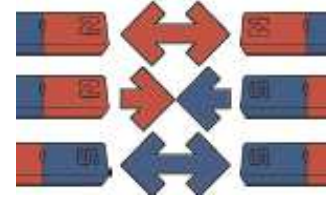
Vocabulary

Year 3 Spring 1 Science – Forces & Magnets

Key Vocabulary

forces	pushes or pulls
friction	A force that acts between 2 surfaces or objects that are moving, or trying to move across each other.
surface	The top layer of something
motion	The process of moving or being moved.
magnet	An object which produces a magnetic force that pulls certain objects towards it.
magnetic	Objects which are attracted to a magnet are magnetic. Objects containing iron, nickel or cobalt metals are magnetic.
magnetic field	The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet.
poles	North and south poles are found at different ends of a magnet.
repel	Repulsion is a force that pushes objects away.
attract	Attraction is a force that pulls objects together.

Diagrams and Pictures



Working Scientifically



Interpreting



Evaluating



Observing



Recording



Questioning



Predicting



Testing

Need to know knowledge

A force is a push or a pull. Some forces need contact between two objects, others are non-contact forces. Magnets have two poles – North and South.

Magnetic fields occur whenever charge is in motion.
Magnetic materials are always made of metal but not all metals are magnetic.

“Science is the study of the physical and natural world through observation, testing, experimenting and evidence gathering”

Links

Links to other topics ...

EYFS Super Scientists
Y5 Scream Machines