

Key Vocabulary	
forces	Pushes or pulls.
friction	A force that acts between two surfaces or objects that are moving, or trying to move, across each other.
surface	The top layer of something.
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.

Objectives
<ul style="list-style-type: none"> To compare how things move on different surfaces. To notice that some forces need contact between two objects, but magnetic forces can act at a distance. To observe how magnets attract or repel each other and attract some materials and not others. To compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials. To describe magnets as having two poles. To predict whether two magnets will attract or repel each other, depending on which poles are facing.

Forces
<ul style="list-style-type: none"> Forces either make an object start to move, speed it up, slow it down or change direction. Different surfaces create different amounts of friction Friction will slow a moving object down. An object will move quicker on a smooth surface with less friction.

Magnets								
<ul style="list-style-type: none"> Like poles repel (N and N). Opposite poles attract (N and S) 								
<ul style="list-style-type: none"> Objects that contain iron, nickel or cobalt are magnetic. Not all metal objects are magnetic. 								
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