

Forces and Magnets

Types of Force



Friction Force



Gravity Force



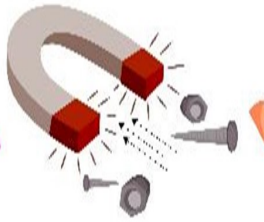
Applied Force



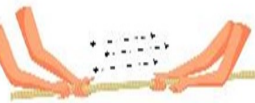
Drag Force



Spring Force



Magnetic Force



Tension Force



Buoyant Force

Vocabulary	Definition	Vocabulary	Definition
Forces	Pushes or pulls.	Magnet	An object which produces a magnetic force that pulls certain objects towards it.
Friction	A force that acts between two surfaces or objects that are moving, or trying to move, across each other.	Magnetic	Objects which are attracted to a magnet are magnetic. Objects containing iron, nickel or cobalt metals are magnetic.
Surface	The top layer of something.	Magnetic field	The area around a magnet where there is a magnetic force which will pull magnetic objects towards the magnet.
Pushes	A pushing force makes something move away from the force. Friction pushes against things to slow it down.	Poles	North and south poles are found at different ends of a magnet.
Pulls	A pulling force makes something move towards the force.	Repel	Repulsion is a force that pushes objects away. For example, when a north pole is placed near the north pole of another magnet, the two poles repel (push away from each other).
Motion	movement	Attract	Attraction is a force that pulls objects together. For example, when a north pole is placed near the south pole of another magnet, the two poles attract (pull together).

MAGNETIC POLES



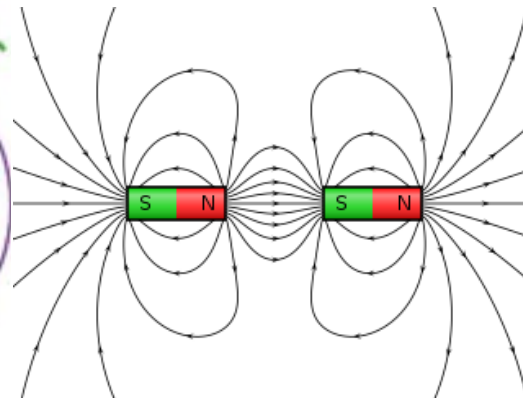
Magnetic



Non-Magnetic



MAGNETIC FIELDS



ATTRACTION



REPULSION



OR

