Swallows Class: Summer 1

Science: Forces and Magnets

Vocabulary

force	A push or a pull. Forces can make objects start or stop moving, change speed, change direction or change shape.
contact force	A force that occurs between two objects that are touching.
non-contact force	A force that occurs between objects that are not touching.
friction	A type of contact force that occurs between two touching surfaces that are either trying to move or are already moving across each other.
magnetic force	A non-contact force produced by a magnet.
poles	Two points where the magnetic force is strongest: the north pole and the south pole.
attract	If a magnet attracts an object it causes the object to move towards it.
repel	If a magnet repels an object it causes an object to move away from it.

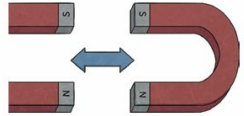
Key Knowledge:

Examples of push forces

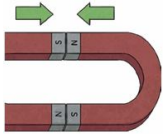
Examples of pull forces

Forces can make objects start or stop moving, change speed, change direction or change shape.

Like poles repel



Opposite poles attract



A magnetic force is a non-contact force because the magnet and the object do not need to touch for the force to happen.