

FORCE AND MOTION



Push



Pull



Magnetism



Gravity



Friction



Acceleration



Force

A push or a pull. Forces **can change the movement** of an object

Contact Force

Some forces **need two surfaces** to touch, in order for the force to occur. Friction is a contact force

Magnet

A magnet is a rock or a piece of metal that can **pull certain types of metal toward it** through magnetic force

Magnetism

Magnetism is a natural force that **attracts or repels** certain metals

Magnetic field

The magnetic field is the **area around a magnet** in which there is magnetic force

Magnetic Poles

Either of the **two ends of a magnet** where the field of the magnet is strongest (North and South poles)

Lodestone

A **rock** that is naturally magnetic

Magnetic Force

OPPOSITE POLES ATTRACT



SIMILAR POLES REPEL

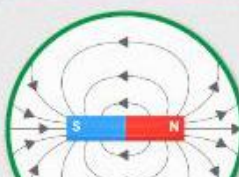


Force

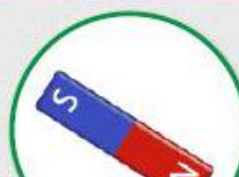


PUSH PULL

Magnetic Field



Magnetic Poles



Lodestone



Magnet

