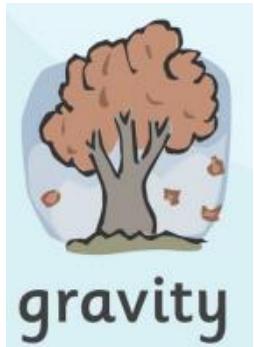


Forces and Magnets – Knowledge Organiser



- Attract:** the force by which one magnetic object is drawn towards another.
- Force:** forces are pushes or pulls. They are measured in newtons.
- Friction:** the force between two surfaces that are moving across each other.
- Gravity:** the pulling force that attracts a body or object towards the centre of the Earth.
- Magnet:** a magnet is an object or material that creates a magnetic field and attracts other objects/materials to it.
- Magnetic:** materials which are strongly attracted to a magnet
- Non-magnetic:** materials which are not attracted to a magnet.
- North Pole and South Pole:** magnets have north poles and south poles. These attract each other. Two north poles will repel each other, as will two south poles.
- Pull:** an example of pull as a force would be opening a door.
- Push:** an example of push as a force would be to push on a swing.
- Repel:** the force by which one magnetic object is pushed away by another. It is the opposite to attract.

