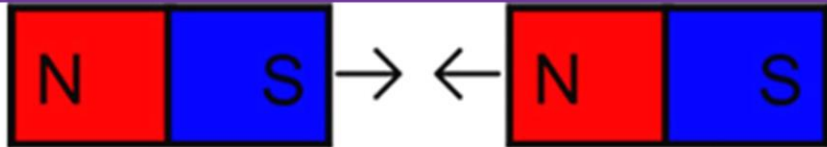


Magnets

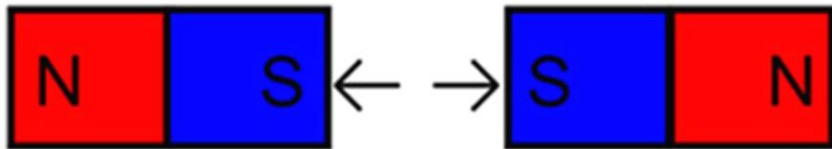
magnet – attracts or repels other items at a distance

magnetic materials – metals – iron and steel

north and south poles – opposites attract and likes repel



Opposite poles **attract**



Same poles **repel**

Forces and Magnets

Types of Force

Push and Pull

Gravity - force that pulls everything down toward the centre of the Earth

air resistance – force on an object passing through the air

water resistance – force on an object passing through the water

friction – force when an object is moving over a surface

How can you make a force greater?

Levers

Pulleys

Gears

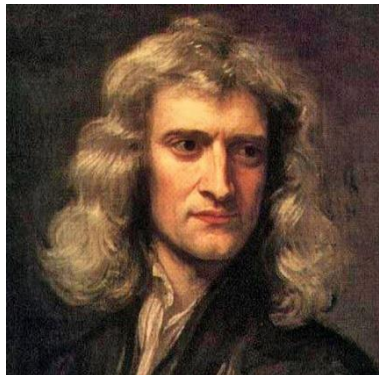
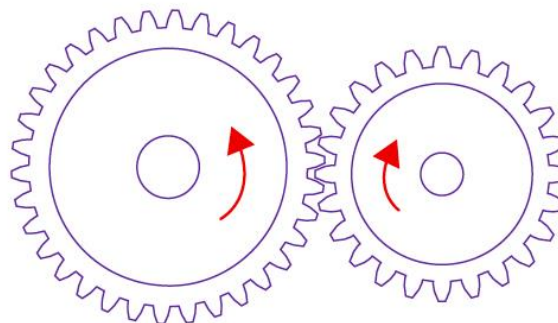
Lever



Pulley



Gears



Sir Isaac Newton

Theory of Gravity