

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

We are Scientists...

Forces and Magnets

We are curious, we are unique, we are together, we are Whiteshill!

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

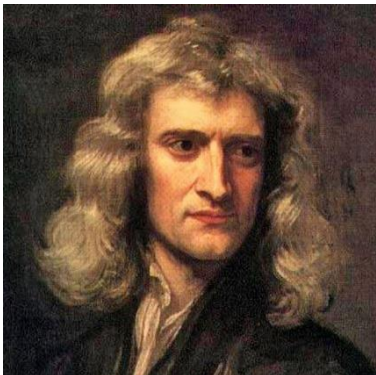
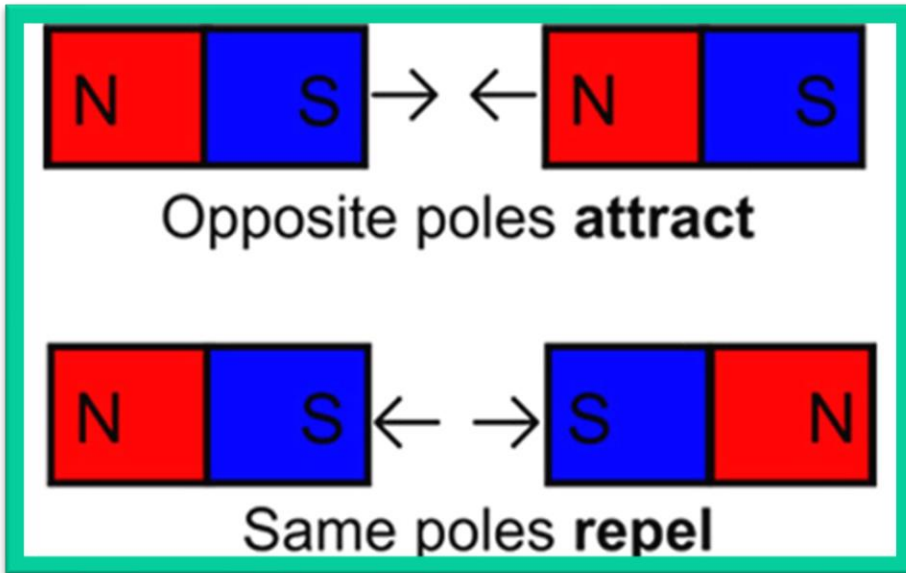
friction – force when an object is moving over a surface

How can you make a force greater?

Lever

Pulleys

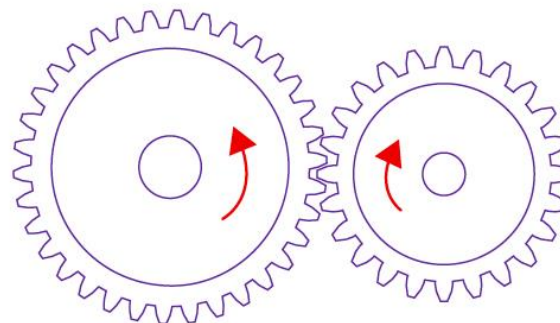
Gears



Sir Isaac Newton

Theory of Gravity

Gears



Lever



Pulley

