

Levers		
1	Lever	simple machines that multiply the force applied
2	Load	mass lifted by a lever
3	Effort	force applied on a lever
4	Pivot	fixed point about which a lever moves
5	Force multiplier	lever which multiplies the force applied eg. a see-saw
6	Moment	the turning effect of a force
7	Centre of mass	average position of all the mass in an object

Calculations		
8	Moment calculation	Moment (Nm) = force (N) x distance (m)
9	Pressure calculation	Pressure (N/m <sup>2</sup> ) = Force (N) / Area (m <sup>2</sup> )

Pressure		
10	Pressure	force acting over a given area
11	Force	a push or pull that acts on an object due to the interaction with another object
12	Particle	small pieces e.g. atoms or molecules that make a substance
13	Atmospheric pressure	the pressure caused by the weight of air above a surface
14	Liquid	substances with a fixed volume, but no fixed shape
15	Gas	substances that have no fixed shape or volume and are easily compressed
16	Displacement	where an object takes the place of another
17	Water pressure	the weight of water pushing down on an object
18	Gas pressure	pressure caused by gas particles colliding with the sides of a container