

Knowledge Organiser

Year: 3 Science

Term: Autumn 2

Topic: China - Working Scientifically

Objects can be sorted by weight.

Weight can be measured using weighing scales.

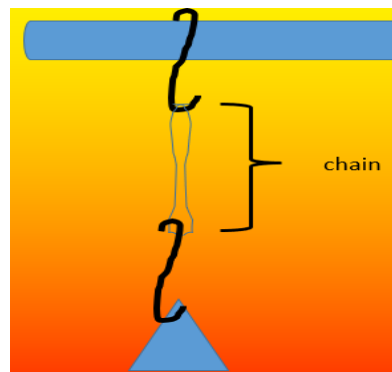
Weight can be measured in grams and kilo grams.

A bar chart is a clear way to show results.



Like different materials, different types of chocolate melt at different rates.

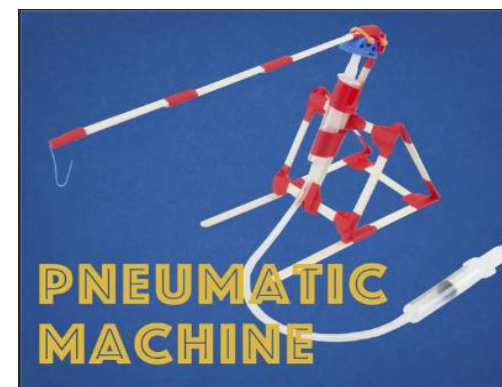
Different materials have different levels of strength and elasticity. You can test cotton, nylon and wool.



A pneumatic system can be used to move air and objects.

A pneumatic system can be assembled using syringes, tubing, balloons and plastic bottles and have an input and an output. Making changes to the input impacts the output.

A large syringe can push out a small syringe with great force.



Fire needs three elements to burn, oxygen, heat and fuel.

Carbon dioxide can be made using household products and can be used to extinguish a fire.



The Fire Triangle



Learning Objectives

Lesson 1	I know objects can be sorted by weight.		
Lesson 2	I know fire needs certain conditions to burn.		
Lesson 3	I know different materials have different elasticity.		
Lesson 4	I know different types of chocolate melt at different rates.		
Lesson 5	I can show what I have learnt.		