

# Yr 7 – Big Picture

## Reactions 1 -

Chemical Reactions

Acids and Alkalis

Indicators and pH

Neutralisation

Making salts



## Electricity 1 - Part 1

Potential difference

Current

Series and Parallel



## Electricity 1 - Part 2 -

Resistance

## Forces 1 - Introduce forces

Balanced & Unbalanced

Friction & Drag

Squashing & Stretching

## Organisms 1 -

Levels of Organisation

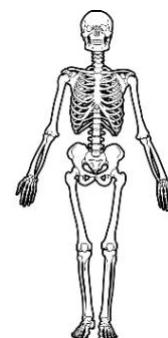
The Skeleton

Movement at joints

Movements in muscles

Observing cells

Plant & animal cells



## Organisms 1 - Part 2

Specialised cells

Movement of substances

Unicellular organisms

## Matter 1 - Particle Model

States of matter

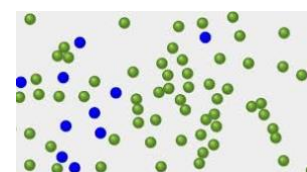
Melting & freezing

Boiling

More changes of state

Diffusion

Inside particles



### Matter 1 - Part 2

Pure substances & mixtures

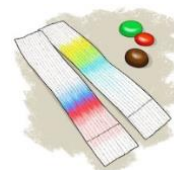
Solubility

Evaporation & distillation

Solutions

Filtration

Chromatography



**Earth 1 -** The night sky

The Earth

**Energy 1 -** Food & fuels

Energy & power

The solar system

The moon & changing ideas

Energy resources



### Energy 1 - Part 2

Energy adds up

**Genes 1 -** Adapting to change

Fertilisation & Implantation

Development of foetus

**Ecosystems 1 -**

Food chains and webs

Ecosystems

Energy dissipation

Adolescence

Menstrual cycle

Disruption to food chains

Competition

