

# Year 8 Curriculum Journey

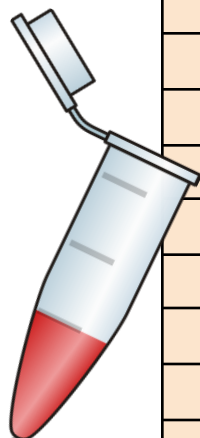
## Term 1: Biology

**Year 8 Curriculum Journey - The numbers do not reflect the number of lessons. They reflect the different topics that will be studied. This unit will be completed during Term 1. September - December.**

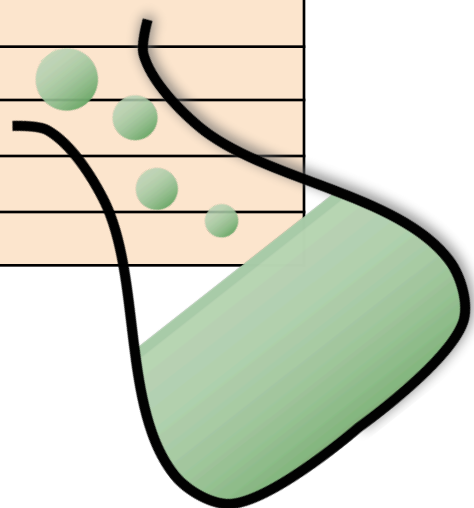
Topic No	Topic Title
1	Investigating in Science
2	Nutrients
3	Food Tests
4	Unhealthy Diet
5	Digestive System
6	Bacteria and Enzymes in Digestion
7	Unhealthy lifestyles (smoking, drugs, alcohol)
8	Photo and Chemosynthesis
9	Leaves
10	Plant minerals
11	Anaerobic and aerobic respiration
12	Food chains and webs and disruption
13	Ecosystems
14	Competition and Adaptation
15	Variation (continuous and discontinuous)
16	Inheritance
17	Natural Selection
18	Extinction

# Term 2: Chemistry

**Year 8 Curriculum Journey - The numbers do not reflect the number of lessons. They reflect the different topics that will be studied. This unit will be completed during Term 2. January to March.**



Topic No	Topic Title
1	Metals and non-Metals
2	Groups and Periods
3	The Elements of Group 1
4	The Elements of Group 7
5	The Elements of Group 0
6	Mixtures
7	Solutions
8	Solubility
9	Filtration
10	Evaporation and Distillation
11	Chromatography
12	Acids and Metals
13	Metals and Oxygen
14	Metals and Water
15	Metal Displacement Reactions
16	Extracting Metals
17	Ceramics
18	Polymers
19	Composites
20	The Earth and Atmosphere
21	Sedimentary Rocks
22	Igneous and Metamorphic Rocks
23	The Rock Cycle
24	The Carbon Cycle and Climate Change



# Term 3: Physics

**Year 8 Curriculum Journey - The numbers do not reflect the number of lessons. They reflect the different topics that will be studied. This unit will be completed during Term 3. April - June.**

Topic No	Topic Title
1	Charging Up
2	Circuits and Current
3	Potential Difference
4	Series and Parallel
5	Resistance
6	Magnets and Magnetic Fields
7	Food and Fuels
8	Energy Adds Up
9	Energy and Temperature
10	Energy Transfer: Particles
11	Energy Transfer: Radiation
12	Energy Resources
13	Energy and Power
14	Work, Energy and Machines
15	Speed
16	Motion Graphs
17	Pressure in Gases
18	Pressure in Liquids
19	Pressure on Solids
20	Turning Forces

