



Science Long Term Plan Year 9

Week	Lessons	Subject	Topic
1	1-2	Biology – Cell Biology	Cell Structure
2	1-2	Biology – Cell Biology	Stem Cells
3	1-2	Physics- Energy	Energy Stores and Systems
4	1-2	Physics - Energy	Kinetic Energy
5	1-2	Chemistry – Atomic Structure and the Periodic Table	Atom
6	1-2	Chemistry - Atomic Structure and the Periodic Table	Elements, Isotopes and Relative Atomic Mass
7	1-2	Biology – Cell Biology	Mitosis
8	1-2		Closing the Gap Activity
HALF TERM			
9	1-2	Biology – Cell Biology	Diffusion
10		Biology – Cell Biology	Osmosis
11	1-2	Physics - Energy	Gravitational Potential Energy
12	1-2	Physics - Energy	Transfer between KE and GPE
13	1-2	Chemistry - Atomic Structure and the Periodic Table	Compounds, Molecules and Mixtures
14		Chemistry - Atomic Structure and the Periodic Table	Filtration and Crystallization
15			Closing the Gap Activities
HALF TERM			
16		Biology – Cell Biology	Active Transport
17	1-2	Biology – Organisation	What are Enzymes?
18	1-2	Biology – Organisation	The Digestive System
19	1-2	Physics - Energy	Fossil Fuels and Nuclear Energy
20	1-2	Physics - Energy	Wind and Solar
21	1-2		Closing the Gap Activities
HALF TERM			
22		Chemistry - Atomic Structure and the Periodic Table	Distillation
23	1-2	Chemistry - Atomic Structure and the Periodic Table	The History of the Atom
24	1-2	Biology – Organisation	Circulatory System – Blood Vessels
25	1-2	Biology – Organisation	Circulatory System - Blood
26	1-2		Closing the Gap Activities
HALF TERM			
27		Biology – Organisation	Food Tests
28	1-2	Physics - Energy	Wind and Solar
29	1-2	Physics - Energy	Geothermal Power
30	1-2	Chemistry - Atomic Structure and the Periodic Table	Electronic Structure
31	1-2	Chemistry - Atomic Structure and the Periodic Table	The Development of the Periodic Table
32			Closing the Gap Activities
HALF TERM			
33	1-2	Biology – Organisation	Circulatory System – The Heart
34	1-2	Biology – Organisation	Cancer
35	1-2	Biology – Organisation	Transpiration and Translocation
36	1-2	Physics - Energy	Biofuels
37	1-2	Physics - Energy	Hydroelectricity and Tidal Barrages
38	1-2	Chemistry - Atomic Structure and the Periodic Table	Metals and Non-Metals
39	1-2		Closing the Gap Activities