



Science Long Term Plan Year 11

Week	Lessons	Subject	Topic
1	1-2	Physics – Forces	Contact and Non-contact Forces
2	1-2	Chemistry – Organic Chemistry	Cracking and Alkenes
3	1-2	Chemistry – Chemical Analysis	Paper Chromatography
4	1-2	Biology – Homeostasis and Response	Endocrine System
5	1-2	Biology – Homeostasis and Response	Diabetes
6	1-2	Biology – Homeostasis and Response	Puberty and Menstruation
7	1-2	Physics – Forces	Scalar and Vector Quantities
8	1-2		Closing the Gap Activities
HALF TERM			
9	1-2	Physics - Forces	Elasticity, Spring Constant and Hooke's Law
10	1-2	Chemistry – The Rate and Extent of Chemical Change	Rates of Reaction
11	1-2	Chemistry – Organic Chemistry	Fractional Distillation
12	1-2	Biology – Inheritance, Variation and Evolution	DNA Structure
13	1-2	Biology – Inheritance, Variation and Evolution	Sexual and Asexual Reproduction
14	1-2	Biology – Inheritance, Variation and Evolution	Meiosis
15	1-2		Closing the Gap Activities
HALF TERM			
16	1-2	Physics - Forces	Speed/Velocity/Displacement
17	1-2	Physics - Forces	Acceleration
18	1-2	Chemistry – Chemistry of the Atmosphere	The Evolution of the Atmosphere
19	1-2	Chemistry – Chemistry of the Atmosphere	Greenhouse Gases and Climate Change
20	1-2	Biology – Inheritance, Variation and Evolution	Cloning
21	1-2		Closing the Gap Activities
HALF TERM			
22	1-2	Biology – Inheritance, Variation and Evolution	Antibiotic Resistance
23	1-2	Biology – Ecology	Abiotic and Biotic Factors
24	1-2	Physics - Forces	Distance Time Graphs
25	1-2	Physics – Forces	Newtons 1 st and 2 nd Laws
26	1-2		Closing the Gap Activities
HALF TERM			
27	1-2	Chemistry – Chemistry of the Atmosphere	Carbon Foot print and Air Pollution
28	1-2	Biology – Ecology	Adaptations
29	1-2	Biology – Ecology	Global Warming
30	1-2	Biology – Ecology	Deforestation
31	1-2		Closing the Gap Activities
HALF TERM			
32	1-2		Revision and Past Papers
33	1-2		Revision and Past Papers
34	1-2		Revision and Past Papers
35	1-2		Revision and Past Papers
36	1-2		Revision and Past Papers
37	1-2		Revision and Past Papers
38	1-2		Revision and Past Papers
39	1-2		Revision and Past Papers