

Year 6 Academic Year Science Curriculum

Week	Subject	Topic
1	Working Scientifically – Scientific Vocabulary	Planning an Experiment, Getting and Displaying results, Pattern and Predictions, Conclusions
2	Biology – The Circulatory System	Body organs, the heart, blood and blood vessels, lungs.
3	Biology –The Human Body	Digestive system, kidney and brain
4	Physics – Electrical Circuits	Using Switches, Circuit Diagrams and Symbols, Using Circuit Safely. Steady hand game.
5	Physics – Electrical Circuits	Circuits, Changing the Brightness of a bulb, Changing the volume of a buzzer, burning out components
6	Biology – Keeping Healthy	A balanced diet, Types of Food, Food for energy and Foods for Growth, Sugar and Fat, Fruit and Vegetables
7	Biology – Keeping Healthy	Testing an idea, Exercise, Exercise and Your Pulse, Drugs and Your Body, Drugs as Medicines
8	Biology – Classifying Organisms, Classification Systems and Key (two lessons)	Grouping Organisms, Plants, Animals, Micro-Organisms Using Keys, Making Keys – Mini Project Using a Classification System
9	Physics – Light Travelling	How we see things, Light Travels in Straight Lines, Light Travels into Your Eyes
10	Physics - Shadows	Making Shadows, Shadows Changing Length, Size of Shadows
11	Chemistry – Solids, Liquids Gases	States of Matter – Separation Techniques

12	Chemistry – Material Changes	Solutions and dissolving
13	Practical Biology Lesson	Keeping Healthy
14	Review and End of Term Test	

Term 2

Week	Subject	Topic
1	Biology – Inheritance	Characteristics, Parents and Offspring, Variation in Offspring
2	Biology – Adaptations	Adaptations of Animals and Plants
3	Biology – Evolution	The Fossil Record
4	Biology – Evolution	Adaptations and Inheritance, Evolution of Living Things
5	Biology – Evolution	Darwin adaptations and Evolution
6	Physics – Reflections	Light Can Be reflected, What Happens when Light is reflected
7	Physics – Reflections	Shiny Vs Dull, Using Reflections
8	Physics – Forces	Mass and Weight, how forces act, balanced and unbalanced forces
9	Physics – Forces	Forces and energy, friction, air resistance and drag.
10	Biology – Living Things	Food Chains, producer, consumer, food chains in different habitats
11	Biology – Living Things	Deforestation, air pollution, acid rain, environment
12	Practical Chemistry Lesson	Solutions and dissolving
13	Practical Physics Lesson	Forces
14	End of Course review and test	Review and test
15	Year 7 taster lesson Acids and Alkalis	Acids and Alkalis
16	Year 7 taster lesson	Geology