

Y7 Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Cells <ul style="list-style-type: none"> Life processes Conventions in writing Organs Tissues Microscopes Plant and animal cells Organ systems & transplants 			Reproduction <ul style="list-style-type: none"> Internal/external fertilisation Reproductive systems Pregnancy Gestation and birth Growing up 			Mixtures and Separation <ul style="list-style-type: none"> Mixtures - Colloids, suspensions, solutions Separating by evaporation Chromatography Distillation Safe drinking water 			Acids and Alkalis <ul style="list-style-type: none"> Hazards Controlling risk Indicators Acidity and alkalinity Neutralisation Neuralisation in daily life Safety at home 		

Y7 Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	
Energy resources <ul style="list-style-type: none"> Energy from food Energy transfers and stores Fuels Alternative energy resources Using energy resources Making informed changes 			Electrical circuits <ul style="list-style-type: none"> Static electricity Switches and current Models for circuits Series and parallel circuits Changing the current/Resistors Using electricity A world without electricity 			Particle model <ul style="list-style-type: none"> Properties of solids, liquids and gases Particle theory Brownian motion Diffusion Air pressure Waste 			Atoms, elements and molecules <ul style="list-style-type: none"> Particles in the air Earth's elements Metals and non-metals Making compounds Using chemical reactions Problems with elements 		

Y7 Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Muscles and Bones <ul style="list-style-type: none"> Muscles and breathing Circulation and the blood The skeleton Muscles and moving Drugs Drugs and sports 			Ecosystems <ul style="list-style-type: none"> Variation between and within species Effect of the environment Food chains, webs, pyramids of number and toxins Ecological balance 			Sound <ul style="list-style-type: none"> How sounds are made How sounds travel Detecting sounds How animals use sound Sound waves How human noise affects animals 			Forces and their effects <ul style="list-style-type: none"> Effects of forces Investigating springs Friction Pressure Balanced and unbalanced forces Safety standards 		