



Fulbrook Science Curriculum Overview: Year 8

Year 8 Autumn Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Half term	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
September				October				October	November			December		
‘How Science Works’	Fluids			The Periodic Table				Half term	Energy Transfers			Combustion		
	<ul style="list-style-type: none"> The particle model Changing state Pressure in fluids Floating and sinking Drag 			<ul style="list-style-type: none"> Dalton’s atomic model Chemical properties Mendeleev’s table Physical trends Chemical trends 			<ul style="list-style-type: none"> Temperature changes Transferring energy Controlling transfers Power and efficiency Paying for energy 			<ul style="list-style-type: none"> Burning fuels Oxidation Fire safety Air pollution Global warming 				

Year 8 Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half term	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
January					February		February	March					
Food and Nutrition			Metals and their Uses				Half term	Rocks			Plants and their Reproduction		
<ul style="list-style-type: none"> Nutrients Uses of nutrients Balanced diets Digestion Surface area Absorption 			<ul style="list-style-type: none"> Metal properties Corrosion Metals and water Metals and acids Pure metals and alloys 			<ul style="list-style-type: none"> Rocks and their uses Igneous and metamorphic Weathering and erosion Sedimentary rocks Materials in the Earth 			<ul style="list-style-type: none"> Classification and biodiversity Types of reproduction Pollination Fertilisation and dispersal Germination and growth 				

Year 8 Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Half term	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
April		May					June	July					
Unicellular Organisms			Earth and Space				Half term	Light			Breathing and Respiration		
<ul style="list-style-type: none"> Uni- or multicellular Microscopic fungi Bacteria Protoctists Decomposers 			<ul style="list-style-type: none"> Gathering evidence Seasons Magnetic Earth Gravity in space Beyond the Solar system 			<ul style="list-style-type: none"> Light on the move Reflection Refraction Cameras and eyes Colour 			<ul style="list-style-type: none"> Aerobic respiration Gas exchange system Getting oxygen Comparing gas exchange Anaerobic respiration 				