

## Y5 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		
<b>Safety/Bunsen burner</b> <ul style="list-style-type: none"> <li>• Lab safety rules</li> <li>• Parts of Bunsen burner</li> <li>• Practice lighting/changing flame colour</li> </ul>				<b>Keeping healthy cont'd</b> <ul style="list-style-type: none"> <li>• The Heart – position, structure and function</li> <li>• Investigating pulse rate</li> <li>• Effects of exercise – data handling activities</li> <li>• Drugs and Medicines – dangers and effects</li> </ul>			<b>Gases around us</b> <ul style="list-style-type: none"> <li>• Properties of solids, liquids and gases</li> <li>• Investigating air</li> <li>• Air in soils</li> <li>• Gases and their uses</li> <li>• Loss of mass</li> <li>• Simple diffusion</li> <li>• States of matter</li> </ul>			<b>Forces</b> <ul style="list-style-type: none"> <li>• Forces around us</li> <li>• Magnetism</li> <li>• Measuring force</li> <li>• Friction</li> <li>• Balanced forces/ Unbalanced forces</li> <li>• Upthrust</li> <li>• Investigating air resistance</li> </ul>			
<b>Keeping Healthy</b> <ul style="list-style-type: none"> <li>• Nutrients and Diet</li> <li>• Balanced diet – Eatwell plate</li> <li>• Food tests – Starch and protein</li> <li>• Deficiencies - scurvy</li> <li>• Teeth – types and functions</li> </ul>													

## Y5 Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Earth and Space</b> <ul style="list-style-type: none"> <li>• Shape of the Earth</li> <li>• Earth, Moon and Sun</li> <li>• Rotation, sunrise and sunset</li> <li>• Sundials</li> <li>• Years</li> <li>• Seasons</li> <li>• Phases of the moon</li> </ul>				<b>Changes of State</b> <ul style="list-style-type: none"> <li>• Evaporation</li> <li>• Condensation</li> <li>• Melting</li> <li>• Boiling</li> <li>• Freezing</li> <li>• The water cycle</li> </ul>			<b>Adaptations and Habitats</b> <ul style="list-style-type: none"> <li>• Habitats</li> <li>• Migration and hibernation</li> <li>• Woodlands</li> <li>• Rock pools</li> <li>• Adaptations of plants and animals</li> <li>• The camel</li> </ul>			

## Y5 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
<b>Life cycles</b> <ul style="list-style-type: none"> <li>• Plants and fruits</li> <li>• Seed dispersal</li> <li>• Germination</li> <li>• Growing from seeds</li> <li>• Flower parts</li> <li>• Life cycles of a human, butterfly and frog</li> <li>• Gestation</li> </ul>				<b>Reversible and irreversible changes</b> <ul style="list-style-type: none"> <li>• Changing materials</li> <li>• Investigating gases</li> <li>• Heating and cooling</li> <li>• Limestone</li> <li>• Burning materials</li> <li>• Fire safety</li> </ul>			<b>Mixtures and Separation</b> <ul style="list-style-type: none"> <li>• Dissolving</li> <li>• Filtering</li> <li>• Graphs and charts</li> <li>• Saturation</li> <li>• Solutions</li> </ul>				