



Year		Autumn	Spring	Summer
Nursery	Working Scientifically	<p><u>Our Bodies</u> Talk about parts of the body</p> <p><u>Seasons and Weather</u> Observe and discuss the seasons, different weather & changes in the weather</p>	<p><u>Life Cycles and Forces</u> Begin to explore life-cycles, push, pull, sink, float</p> <p><u>Habitats</u> Name different types of animal homes</p>	<p><u>Materials and The World</u> Explore different everyday materials</p> <p><u>All Creatures Great and Small!</u> Name a range of animals and creatures</p>
EYFS		<p><u>Our Bodies</u> Naming parts of the body</p> <p><u>Seasons and Weather</u> Identifying the seasons, different weather & changes in the weather</p>	<p><u>Life Cycles and Forces</u> Life-cycles, push, pull, sink float</p> <p><u>Habitats</u> Common animal homes</p>	<p><u>Materials and The World</u> Explore different everyday materials</p> <p><u>All Creatures Great and Small!</u> Variety of creatures studied</p>
Year 1		<p><u>Animals and Humans Unit 1</u> (including Light and Seeing, Sound and Hearing) Identify & name a variety of common animals, their body parts, what they eat and structure, linking body parts to senses</p>	<p><u>Magnets and Forces Unit 1</u> Describe ways objects move, explore pushing, pulling, sinking & floating</p> <p><u>Plants Unit 1</u> Becoming familiar with different types of plants, their structure and reproduction</p>	<p><u>Everyday Materials Unit 1</u> Explore how materials can be used for different purposes and be classified by their properties.</p> <p><u>Seasonal Changes Unit 1</u> Four seasons and how the weather changes Earth and Space Unit 1</p>
Year 2		<p><u>Animals and Humans Unit 2</u> (including Evolution and Inheritance) Identify & name animals, parts of the body, their associated senses, lifecycles, grouping animals - herbivores etc</p>	<p><u>Living Things and Their Habitats Unit 1</u> Identify living, dead, never been alive, different habitats, basic knowledge of cells & micro-organisms</p> <p><u>Plants Unit 2</u> familiar with different types of plants, their structure, reproduction, what plants need to grow & stay healthy</p>	<p><u>Uses of Everyday Materials Unit 2</u> Different materials, their properties, what particles are and their arrangements, reversible or irreversible changes</p> <p><u>Electricity Unit 1</u> types of circuits and components used to create them</p>
Year 3		<p><u>Animals and Humans Unit 3</u> How to stay healthy and look after our bodies</p>	<p><u>Forces and Magnets Unit 2</u> explore pushing, pulling, sinking and floating, compare movement on different forces, magnets have 2 poles to attract or repel</p> <p><u>Plants Unit 3</u> Investigate the way in which water is transported within plants, pollination, seed formation and seed dispersal</p>	<p><u>Materials Rocks Unit 3</u> (including Evolution and Inheritance) solids, liquids, gases, observe changes due to cooling and heating, understand the role of condensation and evaporation</p> <p><u>Light and Seeing Unit 1</u> What is light & how does it travel</p>
Year 4		<p><u>Animals and Humans Unit 4</u> The digestive system & food chains</p>	<p><u>Living Things and Their Habitats Unit 2</u> Life processes & grouping living things</p> <p><u>Material States of Matter Unit 4</u> material properties - conductivity, magnetic, separation of solids, liquids and gases, understand reversible & irreversible changes</p>	<p><u>Electricity Unit 2</u> electrical circuit, conductors and insulators</p> <p><u>Sound and Hearing Unit 1</u> sound is created from vibrations, pitch of a sound, features of the sound source, volume is affected by the energy used</p>
Year 5		<p><u>Animals and Humans Unit 5</u> The human timeline from birth to death</p> <p><u>Sounds and Hearing Unit 2</u></p>	<p><u>Living Things Unit 3</u> Reproduction in plants & animals</p> <p><u>Magnets, Forces and Materials Unit 3</u></p>	<p><u>Materials Properties and Changes Unit 5</u></p>



		<p>The human ear, it's function in hearing, soundwaves, pitch and volume, auditory ranges</p>	<p>Measure forces, gravity, air and water resistance, the effect of friction and mechanisms</p>	<p>Material properties, reversible, irreversible changes, dissolving, solids, liquids, gases, filtering, sieving, evaporating <u>Earth and Space Unit 2</u> describe the 4 seasons, weather changes, rock formation, identify and classify properties, name the 8 planets, orbital paths of the Earth and Moon</p>
<p>Year 6</p>		<p><u>Animals Including Humans Unit 6</u> Investigating the circulatory system and the effects of drugs & alcohol on the body.</p>	<p><u>Light and Seeing Unit 2</u> Reflection & refraction <u>Living Things Unit 4</u> Classifying cells & micro-organisms</p>	<p><u>Electricity Unit 3</u> Different types of circuits and components used to create them, reasons for variations in how components function <u>Evolution and Inheritance Unit 1</u> Understand evolution, how fossils are formed, why species show variation, how animals and plants adapt to their environment.</p>