

Year Group	Cycle 1	Cycle 2	Cycle 3	Cycle 4
<b>Nursery</b>	<p>Woodlands, Savannah, Jungle, Mini-beasts, Planting, Space</p> <p>Children learn about different environments and the animals that are in them. They learn about different mini-beasts and changes such as a caterpillar to a butterfly. They learn how a plant grows from a seed.</p> <p>Children are taught to recognise the Earth, Moon and the Sun.</p>			
<b>Reception</b>	<p><b>Environments</b></p> <p>Children learn about plants and animals in woodland environments.</p>	<p><b>Materials</b></p> <p>Children learn the names of different materials.</p>	<p><b>Plants and Forces</b></p> <p>Children learn the basic parts of a plant. They describe the changes a plant makes through growth.</p> <p>They learn about cause and effect.</p>	<p><b>Farm</b></p> <p>Children learn about the features of a farm. They learn that not all farms have animals.</p>
<b>Year 1</b>	<p><b>Everyday Materials</b></p> <p>Children learn about the names of a range of everyday materials and their properties.</p>	<p><b>Seasonal Change</b></p> <p>Children learn that there are four seasons and things such as weather and day length vary between the seasons.</p>	<p><b>Plants</b></p> <p>Children learn to recognise some plants. They will learn the basic structure of a plant and tree.</p>	<p><b>Animals Including Humans</b></p> <p>Children learn the names of different animals and the main parts of the human body.</p>
<b>Year 2</b>	<p><b>Uses of Everyday Materials</b></p> <p>Children learn about a range of materials and their properties and how their properties make them suitable for different things.</p>	<p><b>Living Things and their Habitats</b></p> <p>Children learn how to classify things according to living/ dead/ never been alive. They learn about how habitats provide for living things.</p>	<p><b>Plants</b></p> <p>Children learn how plants grow from seeds or bulbs. They learn about the needs of plants for growth and survival.</p>	<p><b>Animals Including Humans</b></p> <p>Children learn that animals have offspring that grow into adults. They learn about the needs for survival.</p>
<b>Year 3</b>	<p><b>Rocks</b></p> <p>Children learn about how fossils are formed and how rocks can be grouped.</p>	<p><b>Part 1: Forces &amp; Magnets</b></p> <p>Children learn that things move differently on different surfaces. They learn that a magnet has two poles and some things are attracted to or repel from magnets.</p> <p><b>Part 2: Light</b></p> <p>Children learn that light is needed to see things. It travels in straight lines.</p>	<p><b>Plants</b></p> <p>Children learn about the different parts of the flowering plants.</p>	<p><b>Animals Including Humans</b></p> <p>Children learn the importance of the skeleton and muscles. They learn about nutrition.</p>
<b>Year 4</b>	<p><b>States of Matter</b></p> <p>Children learn about the three states of matter and the impact of heating and cooling.</p>	<p><b>Part 1: Electricity</b></p> <p>Children learn electricity is an energy that powers appliances. Some materials are insulators and others are conductors.</p> <p><b>Part 2: Sound</b></p>	<p><b>Living Things and their Habitats</b></p> <p>Children learn about the different animal groups and how living things can be classified.</p>	<p><b>Animals Including Humans</b></p> <p>Children learn about the teeth and the parts of the digestive system.</p>
<b>Year 5</b>	<p><b>Properties &amp; Changes of Materials</b></p> <p>Children learn about dissolving, evaporating, sieving and mixing. They learn about reversible and irreversible changes.</p>	<p><b>Part 1: Earth &amp; Space</b></p> <p>Children learn the order of planets from the sun and how they move in relation to the sun.</p> <p><b>Part 2: Forces</b></p> <p>Children learn about gravity, air and water resistance and friction.</p>	<p><b>Living Things and their Habitats</b></p> <p>Children learn that different animals and plants have different lifecycles.</p>	<p><b>Animals Including Humans</b></p> <p>Children learn that humans change as they get older. They learn about some of the changes experienced in puberty (through the PSHE curriculum).</p>
<b>Year 6</b>	<p>Recall from Y5: Properties and changes of materials</p>	<p><b>Part 1: Light</b></p> <p>Children learn about how light travels and how we can see things.</p> <p><b>Part 2: Electricity</b></p> <p>Children learn about how to build a circuit and how changes impact the components. They learn the symbolic representation of the components.</p>	<p><b>Living Things and their Habitats</b></p> <p>Children learn that living things can be classified into groups. They know that the work of scientists is important in classification,</p>	<p><b>Part 1: Animals Including Humans</b></p> <p>Children learn about the circulatory system. They learn about how to keep their bodies healthy through the choices they make.</p> <p><b>Part 2: Evolution and Inheritance</b></p> <p>Children learn that living things change over time and things are adapted to their environment.</p>



