



	Term 1	Term 2	Term 3	Term 4	Terms 5 and 6
Theme	This is me	Our Wonderful World	Step back in Time	Once upon a Time	Explorers
Year 1	<p>Seasonal changes <u>Humans - senses</u> The children will learn about their bodies and the five senses. They will carry out investigations into the five senses and describe them using the appropriate vocabulary.</p>	<p>Seasonal changes <u>Animals</u> The children will learn about different animals and about what animals need to survive. The children will name and discuss mammals, birds, reptiles and fish.</p>	<p>Seasonal changes <u>Materials</u> The children will learn about different materials. They will name different materials and describe them. They will investigate the different materials explaining the best use for them.</p>	<p>Seasonal Changes <u>Plants</u> The children will learn the names of some plants and their features. The children will identify the similarities and differences between different plants, especially those found in the garden. The children will also learn about trees.</p>	<p>Seasonal changes <u>Animals</u> (As for T2 link into topics and visits where appropriate)</p>
Year 1	<p>Seasonal changes - taught across the year when appropriate. The children will learn about the seasons appropriate to the time of year. They will learn how many seasons are there in the UK and about the weather for each season. The children will also learn about the plants in each season, how animals behave (hibernation) and how the seasons affect us.</p>				
Year 2	<p><u>Animals inc Humans (Growth and Survival)</u> The children will find out about animals and match the adults to their offspring. They will learn about the changes to humans as they get older. They will learn about what animals need to survive and how an animal would become extinct. The children will also learn about balanced diets and how to keep their bodies healthy.</p>	<p><u>Habitats</u> The children will learn about different habitats and identify living things. The children will match the plants and animals to the habitats. The children will also learn about where the animals get their food from and construct foodchains.</p>	<p><u>Materials</u> The children will build on their previous knowledge and will name a variety of materials and their uses. They will learn about natural and manmade materials. They will investigate different materials and their uses. They will also research Dunlop, McIntosh and McAdam.</p>	<p><u>Plants</u> The children will learn about seeds and what plants can grow from seeds. They will also learn about seed dispersal ask questions that can be carried out scientifically. The children will also discuss their results and use scientific vocabulary.</p>	<p><u>Habitats (As previous, link to topic where appropriate)</u> The children will learn about the different habitats for animals in different parts of the world.</p>



Year 3/ 4	<p>States of matter – solid, liquid, gas</p> <p>The children will learn about the differences between solids, liquids and gases. They will find out about air and air resistance, temperature, evaporation, condensation and the water cycle. They will conduct investigations and discuss their results.</p>	<p>Electricity</p> <p>The children will build on their knowledge of the water cycle and find out how water is used to produce electricity.</p> <p>The children will learn about circuits, batteries, circuits, insulators and conductors. They will use their investigations to find out how you make a bulb brighter in a circuit. They will also learn about the dangers of electricity and how to keep safe.</p>	<p>Animals including humans – teeth and eating</p> <p>The children will build on their previous knowledge of food chains. They will also find out if all animals eat the same thing. The children will also learn about teeth and Why aren't all our teeth the same as well as how can we keep our teeth healthy.</p> <p>They will also learn about the digestive system.</p>	<p>Living things – Habitats (classification)</p> <p>Building on prior knowledge the children will learn how can living things be grouped. They will find out about endangered species and what threatens them. They will also use classification keys and group vertebrates according to similarities and differences.</p>	<p>Sound</p> <p>The children will learn how are sounds made and investigate whether sounds travel through different materials. They will learn about pitch, volume and what happens to a sound the further away it gets. The children will investigate a stringed instrument, how does the length, thickness and tightness of a string affect its pitch? They will also find out how sounds are made.</p>
Year 5/6	<p>Electricity</p> <p>This unit builds on the children's previous knowledge. How have major discoveries affected our understanding and use of electricity?</p> <p>The children will learn about voltage and how it effects</p>	<p>Evolution and Inheritance</p> <p>The children will find out about inheritance. They will build on previous learning and discuss how animals have adapted to their environment. They will learn about the key</p>	<p>Animals including humans. (Healthy bodies)</p> <p>The children will build on prior knowledge to find out scientific ideas about food and diet and how this has contributed to our knowledge of a balanced diet. They will discuss the effects do tobacco, alcohol and other drugs have on the body.</p>	<p>Living things and their habitats.</p> <p>The children will research Carl Linnaeus and find out why his work was important. They will find out the different ways organisms can be grouped according to their</p>	<p>Light</p> <p>The children will learn about how light travels and what happens in the eye to enable us to see things. The children will investigate how light can</p>



	<p>different parts of a circuit. The children will also learn about wire length and how components in a circuit work.</p>	<p>ideas of the theory of evolution and how Fossils can provide us with evidence for evolution.</p>	<p>How to keep our bodies healthy and find out how water and nutrients are transported in the human body. The children will also investigate what happens to the heart when we exercise and how muscles move the skeleton.</p>	<p>characteristics. They will also learn about microorganisms.</p>	<p>be reflected and change direction. They will know the difference between a shadow and a reflection, how shadows change and what surfaces can reflect light.</p>
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