



	Autumn Term	Spring Term	Summer Term
Nursery	<p>MARVELLOUS ME! TRANSPORT Exploring Autumn Time Use senses and hands on exploration of natural materials Talk about what they see</p> <p>Recycling Week Caring for the natural environment</p>	<p>STORIES SUPERHEROES Exploring Spring Time Talk about different materials and changes e.g. ice investigations (Supertato). Baking bread (Little Red Hen) Caring for the natural environment Plant seed and care Understand the life cycle of a plant</p>	<p>SEASIDE AND UNDER THE SEA Exploring Summer Time (seasonal changes) Care and respect for living things and the natural environment Understand key features of lifecycles Explore different environments and what animals live there</p> <p>Caterpillars/butterflies Observe life-cycle</p>
Reception	<p>MARVELLOUS ME! Visit to Burslem Park – seasonal changes/exploring the natural world around them/describing what they see, hear and feel whilst outside</p> <p>Autumn non-fiction text/art/drawings of leaves and other autumnal objects</p> <p>My body and senses Forces Push and pull</p> <p>TRANSPORT Floating and sinking (boats) Exploring the natural world around them</p> <p>Building a boat that floats – what is best? STEM Chocolate Finger investigation – changes of state melting (Bonfire night link)</p> <p>Forces Trains – investigation/ramps and guttering – how can we make it go further?</p>	<p>SUPERHEROES Supertato changes of state – melting Healthy living – fruit and vegetables Make a fruit smoothie or kebab</p> <p>Superbat Nocturnal animals – animal comparisons/find out about nocturnal animals</p> <p>Charlie’s Superhero Underpants Comparing animals in different countries/environments</p> <p>Baking Easter nests (Know about things that can change shape – materials) Exploring the natural world around them/changes of state</p> <p>Winter/Spring seasonal changes Investigation - Learn about rainbows in the sky</p> <p>Planting</p>	<p>SEASIDE AND UNDER THE SEA Butterflies – animal lifecycle/observational drawings of the lifecycle</p> <p>Seaside/under the sea Recognise environments that are different to the one in which they live</p> <p>Under the sea animals Explore the natural world around them Sort animals according to where they live Learn how animals from a different habitat are cared for</p> <p>Investigation – how can we make the perfect sandcastle? Dry/wet sand comparisons Sea pollution Explore the natural world around them</p> <p>Making ice cream changes of state Summer seasonal changes</p>



	<p>Baking salt dough - Christmas decoration changes of state</p>		
Year One	<p>PIRATES</p> <p>Humans – Naming parts of the body identifying and classifying</p> <p>Humans – Sequencing the growth timeline pattern seeking and problem solving</p> <p>Senses – Exploring senses Identifying and classifying</p> <p>Seasons – Seasonal Change, Autumn and park visit Observing over time.</p> <p>Plants – Leaf hunt</p> <p>identifying and classifying, pattern seeking.</p> <p>Materials – Exploring materials and their suitability to create a ship. Identifying and classifying and pattern seeking</p>	<p>MAGICAL KINGDOMS</p> <p>Materials – grouping materials and vocabulary. identifying and classifying</p> <p>Materials – Waterproof investigation linked to D&T research.</p> <p>Plants – Labelling the parts of a plant, using microscopes.</p> <p>Research</p> <p>Seasons – Seasonal Change, Spring Observing over time.</p> <p>Seasons – Monitor the weather Observing over time, pattern seeking.</p>	<p>ALL CREATURES GREAT AND SMALL</p> <p>Animals – Sorting animal pictures into similarities and differences.</p> <p>Identifying and classifying</p> <p>Animals – Introduce animal groups and sort into animal groups.</p> <p>Identifying and classifying</p> <p>Animals – Identify key features of an animal, draw and label.</p> <p>Identifying and classifying, research</p> <p>Animal stories (English link)</p> <p>Research, pattern seeking</p> <p>Animals – What do animals eat? Omnivore, herbivore, carnivore.</p> <p>Identifying and classifying, research</p> <p>Seasons – Seasonal Change, Summer Observing over time.</p> <p>Plants – Wild and garden plants</p> <p>Identifying and classifying</p>
Year Two	<p>THE GREAT FIRE OF LONDON</p> <p>Investigate the taller a person is, the older they are.</p> <p>Pattern seeking,</p>	<p>A SEED OF CHANGE</p> <p>Plants – observations of seeds and bulbs. 'The bigger the seed or bulb, the taller the plant will grow'. Planting seeds and bulbs.</p>	<p>HOMELY HABITATS</p> <p>Minibeast Hunt at Burslem Park pattern seeking</p>



	<p>Finding out the basics needs of humans for survival</p> <p>Research</p> <p>Explore a healthy diet</p> <p>Identifying and classifying</p> <p>Hygiene and germs</p> <p>Fair test</p> <p>Investigate 'When I move, my heart beats faster'</p> <p>Pattern seeking</p> <p>What do we know, what do we want to find out about materials?</p> <p>Identifying and classifying</p> <p>Identifying the materials within a picture</p> <p>Identifying and classifying</p> <p>Suitability of the materials and their properties / material hunt</p> <p>Identifying and classifying</p> <p>Create a table showing the object, material and suitability.</p> <p>Identifying and classifying</p> <p>Introduce vocabulary malleable</p> <p>Research</p>	<p>observing over time, pattern seeking, fair test</p> <p>Plants- comparative test to find out what plants need to survive</p> <p>observing over time, pattern seeking, fair test</p> <p>Plants – research the life cycle of a plant</p> <p>research</p> <p>Plants – Where does our food come from? Link to The World Came To Our Place Today</p> <p>research</p>	<p>Research, design, make and evaluate room for bug hotel using learning on microhabitats</p> <p>Research</p> <p>Research polar habitats</p> <p>research, pattern seeking</p> <p>Research tropical rainforest habitats</p> <p>research, pattern seeking</p> <p>Research savannah grassland habitats</p> <p>research, pattern seeking</p> <p>Food chains</p> <p>research</p>
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