

Science

Age Phase	Year Group	Area of learning	Early Learning Goal
Early Years	Reception	Understanding the World	<p>The natural world</p> <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

EYFS Curriculum Overview and Links to National Curriculum		
Autumn	Spring	Summer
<p>Learning Activities linked to:</p> <ul style="list-style-type: none"> • Topic 'Marvellous Me' & 'Let's Celebrate'. • Look at me (similarities/ differences/what makes me unique?) • Exploring our new school grounds • Going on a bear hunt • Autumn senses walk • Harvest 	<p>Learning Activities linked to:</p> <ul style="list-style-type: none"> • Topic 'On the Move'. • Trip to the airport • Making boats and paper planes • Winter/ Spring senses walk • Bird watch/ bird feeders • Science week 	<p>Learning Activities linked to:</p> <ul style="list-style-type: none"> • Topic 'A Bug's Life' & 'Superheroes' • Bug Ball • Summer senses walk • Butterfly lifecycle • Minibeast habitats and environments • Dental health and hygiene • Taking care of ourselves- being healthy
<p>Stories and Rhymes</p> <ul style="list-style-type: none"> • We're Going on a Bear Hunt – Michael Rosen • We're Going to Find the Monster – Malorie Blackman 	<p>Stories and Rhymes</p> <ul style="list-style-type: none"> • The Naughty Bus – Jan Oke • The Journey Home – Frann Preston-Cannon • Meerkat Mail – Emily Gravett 	<p>Stories and Rhymes</p> <ul style="list-style-type: none"> • Supertato – Sue Hendra • The Very Hungry Caterpillar – Eric Carle
<p>Key Vocabulary</p> <p>seasons (spring, summer, autumn, winter), dark, light, moon, sun, changes, growing, same, different, family, hibernate, nocturnal,</p>	<p>Key Vocabulary</p> <p>world, Earth, globe, country, continent, planets, solar system, similar, different, transport, airport, vehicle, float, sink, materials</p>	<p>Key Vocabulary</p> <p>seasons (spring, summer, autumn, winter), habitat, animals, creatures, insects, minibeasts, lifecycle, metamorphosis, chrysalis, proboscis, nectar, pollen, antennae, abdomen, thorax, teeth, body, gums, healthy, body parts</p>

Links to Further Study in Key Stage 1	Links to Further Study in Key Stage 1	Links to Further Study in Key Stage 1
<p>Year 1,</p> <ul style="list-style-type: none"> • Be able to Identify the four seasons. • Understand the changes that occur in each season. 	<p>Year 1,</p> <ul style="list-style-type: none"> • Be able to talk about common everyday objects are made from and discuss some of the properties which it is made from • Know what a natural material is and what a man-made material is. 	<p>Year 1,</p> <ul style="list-style-type: none"> • Know that seeds grow into plants • Be able to identify the parts of a plant and a tree • Know that different plants grow in different environments. • Explore the senses and understand what they enable humans to do
<p>Year 2,</p>	<p>Year 2,</p> <ul style="list-style-type: none"> • Be able to identify which everyday materials are most suitable for different tasks. • Understand that the shape of some materials can be changed by squashing, bending, twisting or stretching. • Understand that the shape of some materials cannot be changed without the change being permanent. 	<p>Year 2,</p> <ul style="list-style-type: none"> • Understand the difference between things that are living, dead and things that have never been alive. • Know the term microhabitat and identify plants and animals within a habitat, understanding that they each depend on each other. • Know the different stages of specific life cycles (human, frog and butterfly) • Know that animals including humans, have offspring that grow into adults.