

YEARLY OVERVIEW: SCIENCE

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Reception</p> <p>Understanding the World</p>	<p>What is in the immediate world around us?</p> <p>Comments and questions about:</p> <ol style="list-style-type: none"> Homes The natural world- new Reception outdoor area and Forest School New Reception Classroom- getting to know the provision 	<p>What is in the world around us beyond home and school?</p> <p>Comments and questions about:</p> <p>The natural world- farm trip farm animals and plants (The Little Red Hen)</p>		<p>How do we care for living things?</p> <p>Planting and growing</p> <p>Exploring the natural world- making observations and drawing pictures of animals and plants (The Enormous Turnip)</p>	<p>How do plants and animals change?</p> <p>Life-cycles:</p> <p>Tadpoles Butterflies Plants (Forest School)</p>	
<p>Year 1</p> <p>When will they do seasons?</p>		<p>How do we use everyday materials?</p> <p>(12)</p> <p><i>Everyday Materials</i> - Names of materials (Chemistry)</p> <p>Working Scientifically Focuses:</p> <ul style="list-style-type: none"> - WS4 Engaging in practical enquiry to answer questions - WS5 Answering Questions and concluding - WS6 Recording and Presenting evidence - WS3 Engaging in practical enquiry to answer questions 		<p>How are animals different?</p> <p>(12)</p> <p><i>Animals, including humans</i> (Biology)</p> <p>Working Scientifically Focuses:</p> <ul style="list-style-type: none"> - WS1 Asking questions and recognising that they can be answered in different ways - WS4 Engaging in practical enquiry to answer questions 		<p>What makes up a plant?</p> <p>(8)</p> <p><i>Plants</i> – parts of a plant, deciduous & evergreen (Biology)</p> <p>Working Scientifically Focuses:</p> <ul style="list-style-type: none"> - WS2 Making observations and taking measurements - WS6 Recording and Presenting evidence - WS4 Engaging in practical enquiry to answer questions <p>What can the human body do?</p> <p>(4)</p> <p><i>Animals, including humans</i> – human body and senses (Biology)</p>

Year 2		<p>What can materials do? (8) <i>Use of everyday Materials:</i> Properties of materials (Chemistry)</p> <p>Working Scientifically Focuses:</p> <p>-WS5 Answering Questions and concluding</p> <p>-WS4 Engaging in practical enquiry to answer questions</p>	<p>How do we live a healthy life? (4) <i>Animals, including humans – balanced diet</i> (Biology)</p> <p>Working Scientifically Focuses:</p> <p>- WS1 Asking questions and recognising that they can be answered in different ways</p>	<p>How do plants grow? (4) <i>Plants - Growing plants (Biology)</i></p> <p>Working Scientifically Focuses:</p> <p>-WS2 Making observations and taking measurements</p>	<p>How do animals and their habitats link? (10) Living things and their habitats - Habitats and food chains <i>Animals, including humans – life cycles</i> (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS1 Asking questions and recognising that they can be answered in different ways</p> <p>-WS6 Recording and Presenting evidence</p> <p>-WS4 Engaging in practical enquiry to answer questions</p>	
Year 3	<p>What is our body made up of? (6) <i>Animals, including humans: Skeleton</i> (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS7 Communicating their findings</p>	<p>How are rocks and soils formed? (4) Rocks (Chemistry)</p> <p>Working Scientifically Focuses:</p> <p>-WS1 Asking questions and recognising that they can be answered in different ways</p> <p>Where does the darkness come from? (8) <i>Light: Light & shadow</i> (Physics)</p> <p>Working Scientifically Focuses:</p> <p>-WS1 Asking questions and recognising that they can be answered in different ways</p> <p>-WS2 Making observations and taking measurements</p>		<p>How do plants reproduce? (6) <i>Plants: Plant reproduction, water transport & adaptation</i> (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS3 Engaging in practical enquiry to answer questions</p> <p>-WS6 and WS8 Recording and presenting evidence</p> <p>-WS2 Making observations and taking measurements</p>		<p>How do forces affect our lives? (10) Forces & Magnets (Physics)</p> <p>Working Scientifically Focuses:</p> <p>-WS9 Evaluating and raising further questions and predictions</p> <p>-WS4, WS5 and WS9 Answering Questions and Concluding</p> <p>-WS3 Engaging in practical enquiry to answer questions</p>

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Year 4		<p>How do we use electricity? (8) Electricity (Physics)</p> <p>Working Scientifically Focuses:</p> <p>-WS9 Evaluating and raising further questions and predictions</p> <p>-WS3 Engaging in practical enquiry to answer questions</p>	<p>What happens to our food? (12) <i>Animals, including human:</i> Digestion, teeth</p> <p><i>Living things and their habitats:</i> food chains (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS1 Asking questions and recognising that they can be answered in different ways</p> <p>-WS7 Communicating their findings</p>	<p>Where does our water come from? (4) States of Matter (Chemistry) *water cycle taught through the geography lessons in this unit</p> <p>Working Scientifically Focuses:</p> <p>-WS2 Making observations and taking measurements</p> <p>-WS6 and WS8 Recording and presenting evidence</p>		<p>How does sound make music? (12) Sound (Physics)</p> <p>Working Scientifically Focuses:</p> <p>-WS3 Engaging in practical enquiry to answer questions</p> <p>-WS4 and WS5 Answering Questions and Concluding</p> <p>How can we classify living things? (4) <i>Living things and their habitats:</i> Animal classification & habitats (Biology)</p> <p>-WS6 and WS8 Recording and presenting evidence</p>
Year 5		<p>What will we find in space? (12) <i>Earth, Space and forces:</i> Space & Forces, Gravity, air & water resistance (Physics)</p> <p>Working Scientifically Focuses:</p> <p>WS1 Making Observations and taking measurements</p> <p>-WS2 asking question and recognising that they can be answered in different ways</p> <p>-WS3 Answering questions and concluding</p>	<p>Why do we need the rainforests? (3) <i>Living things and their habitats:</i> Life cycles (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS4 Communicating their findings</p>			<p>How can materials change? (12) <i>Everyday Materials:</i> Properties + change of materials: Changes in materials (Chemistry)</p> <p>Working Scientifically Focuses:</p> <p>-WS6 and WS4 Evaluating and raising further questions and predictions</p> <p>-WS5 Recording and presenting evidence</p> <p>-WS2 engaging in practical enquiry to answer questions</p> <p>-WS4 Answering questions and concluding</p>

<p>Year 6</p>		<p>How do we live healthy and safe lives? (12) <i>Animals, including humans:</i> Circulation etc (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS4 communicating their findings</p> <p>-WS4 Evaluating and raising further questions and predictions</p> <p>-WS3 Answering questions and concluding</p> <p>-WS5 recording and presenting evidence</p>		<p>How do living things evolve? (12) <i>Living things + their habitats.</i> <i>Evolution + inheritance:</i> Evolution (Biology)</p> <p>Working Scientifically Focuses:</p> <p>-WS3 Answering questions and concluding</p> <p>-WS5 recording and presenting evidence</p>		<p>How does light help us to see? (9) Light (Physics)</p> <p>Working Scientifically Focuses:</p> <p>-WS1 Making Observations and taking measurements</p> <p>-WS5 recording and presenting evidence</p> <p>-WS2 engaging in practical enquiry to answer questions</p>
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