

Science Long Term Plan

Nursery	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Understanding the world	What am I made of? What is the moon?(linked to Space week) What is happening to the trees	What floats What melts	What happens at night? What happens when you mix it?	Who has stripes? Who are my parents? What's inside an egg? Who lives here?	What's in the sky? What's happening to the trees? Is all of a plant green?	What's happening to the trees? What do earth worms do?
Forest schools	Autumn Exploring the new site and keeping safe	Autumn Colours and changes	Winter weather patterns and shapes in the environment	Feeding the birds Habitats	New life Flowers and trees	Mini beasts
EYFS	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

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	<p>What happens when you mix it? Once there were giants (linked to pc)</p>	<p>What happens at night? What's in the sky? What is the moon? (topic Dependent When space Week is)</p>	<p>Which is the best hat to wear? What happens To the biscuit? Linked to Tgbm Can we build a bridge for Tgbm? Making ginger biscuits Little red riding hood – Habitats (forest school) Links to pe 'into the Woods'</p>	<p>Is all of a plant green? What can I grow for my dinner? What is happening to the trees? (spring) Jack and the Beanstalk</p>	<p>What is happening to the trees? (summer) What does an earthworm do?</p>	<p>Who are my parents? What's inside an egg? Who has stripes? Link to the tiger who came to tea</p> <p>The gruffalo (sorting/grouping animals) Handa's Surprise – animals and their needs/diet</p>
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	What happens to the leaves? (autumn) One Year with Kipper	One Year with Kipper (Winter)	What is the Weather Like? (winter)	Re- visit One year with Kipper - spring	Tadpoles promise lifecycles	
<b>Year 1</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Module</b>	<b>What Material is this:</b> Lesson 1-4	<b>Looking at animals</b> lessons 1-7	<b>Using Senses</b> lessons 1-4	<b>Using Senses</b> lesson 5-7	<b>What material is this</b> lesson 5,6,7,10	<b>Plant Detectives</b> lessons 1-5
<b>Our Changing World Module</b>	<b>OCW PLANTS 1&amp;2</b> <b>OCW Animal Antics 1</b> <b>OCW sensing Season 2&amp;3</b>		<b>OCW PLANTS</b> lesson 3&4 <b>OCW Animal Antics</b> lesson 2 <b>OCW Sensing seasons</b> Lesson 4		<b>OCW Plants Revisit</b> -lesson 3&4 Teach lesson5 <b>OCW Sensing seasons</b> lessons 2&3	
<b>Year 2</b>	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
	<b>Growing Up</b> (lessons 1-4)  Once there were Giants (Science Story)	<b>Materials: Good Choices</b> (lessons 1-4, 6 and 7)	<b>Taking Care: Food, fit, clean</b> (lessons 1-4)  <b>Stop the Spread (Practical Action)</b>	<b>The Apprentice Gardener</b>  <b>Sandy Seeds (Practical Action)</b>	<b>Shaping up</b> (lessons 1-6)	<b>What is in your habitat?</b> (lessons 1-4)
	OCW (Lesson 1)	<b>OCW</b> (Lesson 2)	<b>OCW</b> (Lesson 2)	<b>OCW</b> (Lesson 5 and 6) What shall we plant for our soup?/How do plants grow and change over time?	<b>OCW</b> (lesson 2)	<b>OCW: Changes, Life Cycles</b> (Lesson 3 and 4) <b>How will we make soup?</b> (Lesson 7)

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Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Rocks</b> lessons 1,2,5,7,8,9&10	<b>Forces and Magnets</b> lessons 1,3,4,5,6&7	<b>Light</b> lessons 1,2,3,4,5,6&7	<b>Amazing Bodies</b> lessons 1,2,3,4,&6	<b>Plants</b> lessons 1,2,3,4,5,11	<b>Plants</b> lessons 6,7,8,9,10
	<b>OCW 12&amp;3 (taught together)</b>		<b>OCW 1,2&amp;3 (taught together)</b>		<b>OCW 1,2 &amp;3 (taught together) 7,8</b>	
Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Where does all the food go?</b> Lesson 1,2,3,4,5, 7,6, & 10	<b>In a State</b> Lessons 1,2,3,4&5/8 (7&8 together) 9, 10 &11	<b>Human impact</b> lessons 1,2,3,4 & 5	<b>Who am I</b> lessons 1,2,3&4 Stem Challenge	<b>Switched on</b> Lessons 1,2,3,4,5 &6	<b>Good vibrations</b> Lessons 1,2,3,4,5,6 &7
	<b>OCW 1</b>		<b>OCW 2</b> (early Jan)		<b>OCW 3</b>	
Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Earth and Space</b> Lesson 1,2,3,6&8	<b>Forces</b> lessons 2,1,4,5,6,7,8,9 & 10	<b>Materials Topic 1</b> Get sorted lessons 2,3,5 &6 <b>Every Day Materials</b> Lesson 1&3	<b>Circle of life</b> lesson 1,2,3,4 & 5	<b>Reproduction in plants and Animals</b> lessons 4,5 & 6	<b>Materials Topic 2</b> marvellous mixtures lesson 1,2,3,4 & 5 <b>All Change!</b> lessons 1,2,3&4
	<b>OCW 1</b>		<b>OCW 1</b>		<b>OCW 1</b>	

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Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Nature Library</b> Lessons 1,2,3,4,5,6 &7	<b>Danger Low voltage!</b> Lessons 1,2,3,4,5&6 <b>Everything changes evolution</b> lessons 1,2	<b>Everything changes evolution</b> Lessons 3,4,5,6,7,8,9&10	<b>Body pump</b> Lessons 1,2,4,5,6 &7	<b>Body Health</b> Lessons 1,2,4,5 & 7	<b>Light up your world</b> 1,2,3,4 &5
	<b>OCW 1&amp;2</b> (more than once)		<b>OCW 4</b> (more than once)		<b>OCW 5</b> (more than once)	

Lessons that are in the same colour (but different to the year group colour) are the same NC objective so are able to be missed if all children understand when first taught.