

**Flyford Flavell Primary School Science Curriculum**

<b>Year Group/Cycle</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>EYFS: Pre-School</b>	Seasonal Change	Seasonal Change	Seasonal Change	Planting and growing Lifecycles Caring for the environment	Caring for plants Respecting the environment	Caring for plants Respecting the environment Seasonal Change
<b>EYFS: Reception</b>	Me and My Small World What's in my basket? Senses	Let's go outside What's changed? Day and Night	Changes in Winter Let it flow From desert to jungle	Watch it grow Animal detectives Pushes and Pulls	<b>To be confirmed</b>	<b>To be confirmed</b>
<b>Children in EYFS will also be exposed to science through play based continuous provision activities.</b>						
<b>Year 1/ 2 A (Year 1)</b>	The Human Body Seasonal Observation	Everyday Materials Seasonal Observation	Planting A Animals Diets	Caring for the Planet Seasonal Observation Planting B	Plants Planting C	Growing and Cooking Seasonal Observation
	Animals Including humans / Seasonal Changes	Materials / Seasonal Changes	Plants / Animals Including Humans	Sustainability / Seasonal Changes / Plants	Plants	Sustainability / Seasonal Changes
<b>Year 1/2 B (Year 2)</b>	Needs For Survival Nutrition and Exercise	Everyday Materials Plastic	Plants: Light and Dark Needs for Life / Habitats	Animals in Habitats Simple Food Chains	Plants: Bulbs and Seeds Growing Up	Plants: Bulbs and Seeds Growing Up Wildlife
	Animals Including humans / Seasonal Changes	Materials / Seasonal Changes	Plants / Animals Including Humans	Sustainability / Seasonal Changes / Plants	Plants	Sustainability / Seasonal Changes
<b>Year 3/ 4 A (Year 4)</b>	Classification Data Collection A	States of Matter	Sound Data Collection B	Electricity Energy	Data Collection C Habitats Deforestation	Digestive System Food Chains
	Living Things and Their Habitats	Materials	Sound / Living Things and Their Habitats	Electricity / Sustainability	Living Things and Their Habitats / Sustainability	Animals Including Humans
<b>Year 3/ 4 B (Year 3)</b>	Skeletons Movement Nutrition Food Waste	Rocks	Fossils Soil	Light	Plants A Forces	Magnets Plants B Biodiversity
	Animals Including Humans / Sustainability	Rocks	Rocks	Light	Plants / Forces	Forces / Plants / Sustainability
<b>Year 5</b>	Forces	Solar System Global Warming	Properties and changes of state	Changes in Humans Life Cycles	Reproduction A Reversible and Irreversible changes	Reproduction B Plastic Pollution
	Forces	Earth and Space / Sustainability	Materials	Animals Including Humans / Living Things and Their Habitats	Living Things and Their Habitats / Materials	Sustainability / Living Things and Their Habitats
<b>Year 6</b>	Classification	Electricity Renewable Energy	Light Light Pollution	The Circulatory System	Adaptation and Evolution	Fossils
	Living things and Their Habitats	Electricity / Sustainability	Light / Sustainability	Animals Including Humans	Evolution and Inheritance	Evolution and Inheritance

Reception

Autumn	<b>Me and my small world</b>  <b>Maths link:</b> Match, sort and compare	<b>What's in my basket?</b>  <b>Maths link:</b> Talk about measure and pattern	<b>Senses</b>  <b>Maths link:</b> It's me 1, 2, 3	<b>Let's go outside</b>  <b>Maths link:</b> Circles and triangles	<b>What's changed?</b>  <b>Maths link:</b> 1, 2, 3, 4, 5	<b>Night and day</b>  <b>Maths link:</b> Shapes with 4 sides
Spring	<b>Changes in Winter</b>  <b>Maths link:</b> Alive in 5	<b>Let it flow</b>  <b>Maths link:</b> Mass and capacity	<b>From desert to jungle</b>  <b>Maths link:</b> Growing 6, 7, 8	<b>Watch it grow</b>  <b>Maths link:</b> Length, height and time	<b>Animal detectives</b>  <b>Maths link:</b> Building 9 and 10	<b>Pushes and pulls</b>  <b>Maths link:</b> Explore 3-D shapes
Summer	  <b>Maths link:</b> To 20 and beyond	  <b>Maths link:</b> How many now?	  <b>Maths link:</b> Manipulate, compose and decompose	  <b>Maths link:</b> Sharing and grouping	  <b>Maths link:</b> Visualise, build and map	  <b>Maths link:</b> Make connections

Year 1/2 B (Year 1)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Biology</p> <h2>The human body</h2> <p>FREE TRIAL</p> <p>VIEW</p>					<p>Biology</p> <p>Seasonal changes</p> <p>VIEW</p>	<p>Chemistry</p> <h2>Materials</h2> <p>VIEW</p>					<p>Biology</p> <p>Seasonal changes</p> <p>VIEW</p>
Spring term	<p>Biology</p> <p>Planting A</p> <p>VIEW</p>	<p>Biology</p> <h2>Animals</h2> <p>VIEW</p>					<p>Sustainability</p> <h2>Caring for the planet</h2> <p>VIEW</p>	<p>Biology</p> <p>Seasonal changes</p> <p>VIEW</p>	<p>Biology</p> <p>Planting B</p> <p>VIEW</p>	<p>Consolidation</p>		
Summer term	<p>Biology</p> <h2>Plants</h2> <p>VIEW</p>					<p>Biology</p> <p>Planting C</p> <p>VIEW</p>	<p>Sustainability</p> <h2>Growing and cooking</h2> <p>VIEW</p>	<p>Biology</p> <p>Seasonal changes</p> <p>VIEW</p>	<p>Consolidation</p>			



Year 1/2 A (Year 2)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Biology</p> <h3>Animals' needs for survival</h3> <p>FREE TRIAL</p> <p>VIEW</p>				<p>Biology</p> <h3>Humans</h3> <p>VIEW</p>		<p>Chemistry</p> <h3>Materials</h3> <p>VIEW</p>				<p>Sustainability</p> <h3>Plastic</h3> <p>VIEW</p>	
Spring term	<p>Biology</p> <h3>Plants (light and dark)</h3> <p>VIEW</p>			<p>Biology</p> <h3>Living things and their habitats</h3> <p>VIEW</p>						<p>Biology</p> <h3>Light and dark</h3> <p>VIEW</p>	<p>Consolidation</p>	
Summer term	<p>Biology</p> <h3>Plants (bulbs and seeds)</h3> <p>VIEW</p>		<p>Biology</p> <h3>Growing up</h3> <p>VIEW</p>			<p>Biology</p> <h3>Bulbs and seeds</h3> <p>VIEW</p>	<p>Biology</p> <h3>Growing up</h3> <p>VIEW</p>	<p>Sustainability</p> <h3>Wildlife</h3> <p>VIEW</p>		<p>Consolidation</p>		

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Biology <b>Skeletons</b> FREE TRIAL  VIEW		Biology <b>Movement</b>  VIEW		Biology <b>Nutrition and diet</b>  VIEW		Sustainability <b>Food waste</b>  VIEW	Chemistry <b>Rocks</b>  VIEW		Consolidation		
Spring term	Chemistry <b>Fossils</b>  VIEW	Chemistry <b>Soils</b>  VIEW		Physics <b>Light</b>  VIEW						Consolidation		
Summer term	Biology <b>Plants A</b>  VIEW				Physics <b>Forces</b>  VIEW		Physics <b>Magnets</b>  VIEW	Biology <b>Plants B</b>  VIEW	Sustainability <b>Biodiversity</b>  VIEW			

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn term	<p>Biology</p> <h2>Group and classify living things</h2> <p>FREE TRIAL</p> <p>VIEW</p>			<p>Biology</p> <h2>Data collection A</h2> <p>VIEW</p>	<p>Chemistry</p> <h2>States of matter</h2> <p>VIEW</p>							<p>Consolidation</p>	
Spring term	<p>Physics</p> <h2>Sound</h2> <p>VIEW</p>				<p>Biology</p> <h2>Data collection B</h2> <p>VIEW</p>	<p>Physics</p> <h2>Electricity</h2> <p>VIEW</p>			<p>Sustainability</p> <h2>Energy</h2> <p>VIEW</p>	<p>Consolidation</p>			
Summer term	<p>Biology</p> <h2>Data collection C</h2> <p>VIEW</p>	<p>Biology</p> <h2>Habitats</h2> <p>VIEW</p>	<p>Sustainability</p> <h2>Deforestation</h2> <p>VIEW</p>	<p>Biology</p> <h2>The digestive system</h2> <p>VIEW</p>				<p>Biology</p> <h2>Food chains</h2> <p>VIEW</p>					

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Physics</p> <hr/> <b>Forces</b> FREE TRIAL					<p>Physics</p> <hr/> <b>Space</b>					<p>Sustainability Global warming</p>	Consolidation
	VIEW					VIEW					VIEW	
Spring term	<p>Chemistry</p> <hr/> <b>Properties of materials</b>				<p>Biology</p> <hr/> <b>Animals including humans</b>				<p>Biology</p> <hr/> <b>Life cycles</b>			
	VIEW				VIEW				VIEW			
Summer term	<p>Biology</p> <hr/> <b>Reproduction A</b>		<p>Chemistry</p> <hr/> <b>Reversible and irreversible changes</b>			<p>Sustainability Plastic pollution</p>	<p>Biology</p> <hr/> <b>Reproduction B</b>		Consolidation			
	VIEW		VIEW			VIEW	VIEW					

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Biology</p> <h3>Living things and their habitats</h3> <p>FREE TRIAL</p> <p>VIEW</p>					<p>Physics</p> <h3>Electricity</h3> <p>VIEW</p>					<p></p> <p>Sustainability Renewable energy</p> <p>VIEW</p>	
Spring term	<p>Physics</p> <h3>Light</h3> <p>VIEW</p>				<p></p> <p>Sustainability Light pollution</p> <p>VIEW</p>	<p>Biology</p> <h3>The circulatory system</h3> <p>VIEW</p>			<p>Biology</p> <h3>Diet, drugs and lifestyle</h3> <p>VIEW</p>			
Summer term	<p>Biology</p> <h3>Variation</h3> <p>VIEW</p>		<p>Biology</p> <h3>Adaptations</h3> <p>VIEW</p>			<p>Biology</p> <h3>Fossils</h3> <p>VIEW</p>		<p>Consolidation</p>	<h3>Themed projects</h3> <p>(Year 7 ready)</p> <p>VIEW</p>			