



Curriculum Overview – Key Questions 2024 - 2025



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<u>EYFS curriculum: Understanding the World</u>						
Nursery	Children will know the names of body parts: heads, arms, hands, legs, feet, neck.		Materials changing when cooking or heating. Investigate natural materials Materials change when melting		Butterflies and eggs Living things Light, dark and shadows Seeds and planting Floating, sinking, stretching forces.	
Reception	-Explore the natural world and describe what I see, hear and feel when outside -Understand the effects of the changing seasons around me – autumn	-Begin to describe what I see, smell and feel in the natural world -Talk about recycling – linked to recycling week -Begin to understand the negative impact that humans can have on the environment	-Talk about why something melts or freezes and the changes that happen -Make observations of the animals that live in the arctic/Antarctic/desert and talk about what makes them special -Compare the weather in winter to the weather in autumn	-Talk about signs of spring / changes from winter to spring – spring walk. -Understand the effect of changing seasons on the natural world around me -Explore non-contact forces (gravity and magnetism)	-Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what I have read	ELG: The Natural World: I can..... -Explore the natural world around me, making observations and drawing pictures of animals and plants -Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class -Understand some important processes and changes in the natural world around me, including the seasons and changing states of matter
<u>KS1 curriculum</u>						
Rec/1	Seasonal Changes: Autumn 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Autumn? (DE) 3.How can we measure rainfall? (DE) Animals Including Humans: The Human Body 1.What parts make up the Human Body? (DE)	Enquiries	Seasonal Changes: Winter 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Winter? (DE) 3.How can we measure rainfall? (DE) Living Things and Their Habitats – Y2 1.Is it living, dead or never been alive? (DE)	Seasonal Changes: Spring 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Spring? (DE) 3.How can we measure rainfall? (DE) Materials: Y1 1.What Materials Are These Objects Made From? (KP)	Materials: Y2 1.What do we know about everyday materials? (KP) 2.Which material is best? (KP) 3.How well do different materials bounce? (KP) 4.Can solid objects change shape? (KP) 5.Which fabric is the stretchiest? (KP) 6.Assessment Focus	Seasonal Changes: Summer 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Summer? (DE) 3.How can we measure rainfall? (DE) Enquiries and Gaps in learning

			<p>2. Whats the difference between a habitat and a microhabitat? (DE)</p> <p>3. What does a good microhabitat need? (D)</p> <p>4. What do animals eat to survive in their habitats? (DE)</p> <p>5. What is a food chain? (DE)</p> <p>6. From farm to supermarket: What's the journey? (DE)</p>	<p>2. What is the Object and What is the Material? (DE)</p> <p>3. What Properties do Materials Have? (KP)</p> <p>3. What Material is Best at Absorbing Water? (KP)</p> <p>4. What Material is Best at Keeping us Dry/is Waterproof?</p>		
1/2	<p>Seasonal Changes: Autumn</p> <p>1. Do you know the 4 seasons? (DE)</p> <p>2. What changed take place in the Autumn? (DE)</p> <p>3. How can we measure rainfall? (DE)</p> <p>Animals Including Humans: Y1 – Body Parts</p> <p>1. What parts make up the Human Body? (DE)</p>	<p>Animals Including Humans: Y1 – Animal Groups and structures</p> <p>1. What are animal families? (DE)</p> <p>2. What is the difference between a mammal and a bird? (DE)</p> <p>3. What is the difference between an amphibian, reptile and fish?</p> <p>4. What types of food do Living Things Eat?</p> <p>5. What is the Difference between wild animals and pets? (DE)</p> <p>6. What are the characteristics of an animals? (DE)</p>	<p>Seasonal Changes: Winter</p> <p>1. Do you know the 4 seasons? (DE)</p> <p>2. What changed take place in the Winter? (DE)</p> <p>3. How can we measure rainfall? (DE)</p> <p>Animals Including Humans: Y1 – Senses</p> <p>1. Which Parts of the Body Do we Need to See? (DE)</p> <p>2. Which Parts of the Body Do we Need to Hear? (DE)</p> <p>3. Which Parts of the Body Do we Need to Taste? (DE)</p> <p>4. Which Parts of the Body do we Need to Touch? (DE)</p> <p>5. Which part of the Body do we Need to Smell? (DE)</p>	<p>Seasonal Changes: Spring</p> <p>1. Do you know the 4 seasons? (DE)</p> <p>2. What changed take place in the Spring? (DE)</p> <p>3. How can we measure rainfall? (DE)</p> <p>Materials: Y1</p> <p>1. What Materials Are These Objects Made From? (KP)</p> <p>2. What is the Object and What is the Material? (DE)</p> <p>3. What Properties do Materials Have? (KP)</p> <p>3. What Material is Best at Absorbing Water? (KP)</p> <p>4. What Material is Best at Keeping us Dry/is Waterproof?</p>	<p>Materials: Y2</p> <p>1. What do we know about everyday materials? (KP)</p> <p>2. Which material is best? (KP)</p> <p>3. How well do different materials bounce? (KP)</p> <p>4. Can solid objects change shape? (KP)</p> <p>5. Which fabric is the stretchiest? (KP)</p> <p>6. Assessment focus/gaps in learning (DE)</p>	<p>Seasonal Changes: Summer</p> <p>1. Do you know the 4 seasons? (DE)</p> <p>2. What changed take place in the Summer? (DE)</p> <p>3. How can we measure rainfall? (DE)</p> <p>Enquiries and Gaps in learning</p>

KS2 Curriculum

Year 3	<p>Animals Including Humans</p> <p>1. What are the 5 key food groups? (DE)</p> <p>2. What nutrition is in the food we eat?</p> <p>3. What are the different types of animal skeletons? (DE)</p> <p>4. Human skeletons: Why do we need them? (DE)</p> <p>5. How have skeletons adapted to help animals move in their environment? (DE)</p> <p>6. Why are muscles important? (DE)</p>	<p>Scientific Enquiries</p>	<p>Rocks</p> <p>1. How do igneous rocks form and what are their properties?</p> <p>2. How do sedimentary and metamorphic rocks form and what are their properties? (DE)</p> <p>3. Why are different rocks used for different purposes? (DE)</p> <p>4. How does water wear away a rock? (DE)</p> <p>5. How are fossils formed? (DE)</p> <p>6. What are the different types of soil? (DE)</p>	<p>Light</p> <p>1. Can we see without light? (KP)</p> <p>2. How does light behave when its reflected? (KP)</p> <p>3. Can we change how shadows are formed? (KP)</p> <p>4. How can we protect our eyes from the sun? (KP)</p> <p>5. Do shadows stay the same all day? (KP)</p> <p>6. Assessment focus/gaps in learning (DE)</p>	<p>Forces and Magnets</p> <p>1. What is a contact force? (KP)</p> <p>2. How do different surfaces effect the movement of objects? (KP)</p> <p>3. OGDEN ENQUIRY: Slippy Shoes – year 3</p> <p>4. What is a magnet and how do they work? (KP)</p> <p>5. What materials are attracted to magnets? (KP)</p> <p>6. Do all magnets have the same strength? (KP)</p>	<p>Plants</p> <p>1. How are seeds dispersed? (KP)</p> <p>2. What Are the Main Functions of The Different Parts of a Flowering Plant? (KP)</p> <p>3. How Do Plants Make Food and How Is Water Transported? (KP)</p> <p>4. Do All Plants Need the Same Things to Stay Alive? (KP)</p> <p>5. Why does a plant need flowers? (KP)</p>
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						6.Assessment focus/gaps in learning (DE)
Year 4/5	Sound 1.How are sounds made? (DE) 2.How can we insulate from sound? (DE) 3.How does volume change sound? (DE) 4.How does pitch change sound? (DE) 5.How does distance change sound? (DE) 6.How do vibrations travel through the ear? (DE)	Animals Including Humans 1.What organs are in the digestive system? (DE) 2.What are the functions of the organs in the digestive system? (DE) 3.What are the types of human teeth and what are their functions? (DE) 4. How do different liquids effect our teeth? (DE) 5. What is a food chain? (DE) 6. What is a food web? (DE)	Living Things and Their Habitats 1.What different habitats are there? (DE) 2.What habitats can we find in the UK? (DE) 3.How can animals be classified? (DE) 4.How do I create a classification key? (DE) 5.How do animals adapt within a species and how can they be classified? (DE) 6.How can I classify a pond plant? (DE)	Living Things and Their Habitats: Conservation 1.How does seasonal change effect different ecosystems? (DE) 2.How does deforestation effect the environment? (DE) 3.What is air pollution and how can we make it better? (DE) 4.What is water pollution and how can we make it better? (DE) 5.What methods can we use to conserve water? (DE) 6.What positive impacts can humans have on the environment? (DE)	Bespoke 4/5 Combination Unit on Materials (States of Matter and properties) 1.How do particles behave in solids, liquids and gases? (DE) 2.How do materials melt? (DE – Y4) 3.How do materials freeze? (DE – Y4) 4. How do materials evaporate? (DE – Y4) 5. What materials are good thermal conductors and insulators? (DE – Y5) 6. What materials are soluble in water (DE – Y5)	Electricity 1.What types of appliances are electric and how can I be safe around them? (DE) 2.Is it a conductor or is it an insulator? (OT) 3.What is an electrical circuit and how do I make one? (OT) 4.How do components change my circuit? (OT) 5.What is the best way to turn a door into a switch so an alarm sounds when it opens or closes?(OT) 6.Assessment focus/gaps in learning (DE)
Year: 5/6	Living Things and Their Habitats 1.How do I classify a living organism? (DE) 2.What are the kingdoms of life? (DE) 3.How do I use the Linnean system of classification? (DE) 4.What are the different types of microorganisms and what are their properties? (DE) 5.How does asexual reproduction happen in plants? (DE) 6.How do I classify a living organism? (DE)	Animals Including Humans 1.What is the function of the heart and what is its role in the human circulatory system? (DE) 2.How do I identify and compare blood vessels? (DE) 3.How is blood made? (DE) 4.How does the body transport water and nutrients? (DE) 5.What things effect my heart rate? (DE) 6.What impact do drugs and alcohol have on my body? (DE)	Evolution and Inheritance 1.How do offspring vary from their parents? (DE) 2.How do animals adapt? (DE) 3.How do plants adapt? (DE) 4.What do fossils teach us? (DE) 5.What is the theory of natural evolution and what does survival of the fittest mean? (DE) 6.How have humans evolved? (DE)	Light 1.How does light travel (KP) 2.Is A Shadow Always The Same Shape As The Object That Casts It? (KP) 3.Does a mirror reflect light? (KP) 4.What is Refraction and Why Is It a Phenomenon? (KP) 5.What Colour is Light? Is this a phenomenon? (KP) 6.Assessment focus/gaps in learning (DE)	Electricity 1.How do I draw a circuit? (OT) 2.Which circuit designs have mistakes in them?(OT) 3.What voltage is this? (OT) 4.How do components change my circuit? (OT) 5. How does the brightness of a lamp in a circuit change when more lamps are added to the circuit? (OT) 6. How does changing the voltage across a buzzer affect the loudness of a buzzer? (OT) 7. Does voltage affect how quickly a motor spins? (OT)	Animals Including Humans REPEAT (Year 5s from 4/5) Enquiries and Conservation (Year 5/6) 1.What is the function of the heart and what is its role in the human circulatory system? (DE) 2.How do I identify and compare blood vessels? (DE) 3.How is blood made? (DE) 4.How does the body transport water and nutrients? (DE) 5.What things effect my heart rate? (DE) 6.What impact do drugs and alcohol have on my body? (DE)



Curriculum Overview 2025 - 2026



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
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EYFS curriculum: Understanding the World

Nursery	Children will know the names of body parts: heads, arms, hands, legs, feet, neck.		Materials changing when cooking or heating. Investigate natural materials Materials change when melting		Butterflies and eggs Living things Light, dark and shadows Seeds and planting Floating, sinking, stretching forces.	
Reception	<ul style="list-style-type: none"> -Explore the natural world and describe what I see, hear and feel when outside -Understand the effects of the changing seasons around me – autumn 	<ul style="list-style-type: none"> -Begin to describe what I see, smell and feel in the natural world -Talk about recycling – linked to recycling week -Begin to understand the negative impact that humans can have on the environment 	<ul style="list-style-type: none"> -Talk about why something melts or freezes and the changes that happen -Make observations of the animals that live in the arctic/Antarctic/desert and talk about what makes them special -Compare the weather in winter to the weather in autumn 	<ul style="list-style-type: none"> -Talk about signs of spring / changes from winter to spring – spring walk. -Understand the effect of changing seasons on the natural world around me -Explore non-contact forces (gravity and magnetism) 	<ul style="list-style-type: none"> -Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what I have read 	<p>ELG: The Natural World:</p> <p>I can.....</p> <ul style="list-style-type: none"> -Explore the natural world around me, making observations and drawing pictures of animals and plants -Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class -Understand some important processes and changes in the natural world around me, including the seasons and changing states of matter

KS1 curriculum: 2 Year Rolling Programme A

Rec/1	<p>Animals Including Humans: Y2 – Life Cycles</p> <ol style="list-style-type: none"> 1.What is the human life cycle? (DE) 2.What are the stages of life form adulthood to old age? (DE) 3.How do I know which offspring belong to which parents? (DE) 	<p>Living Things and Their Habitats: Y2</p> <ol style="list-style-type: none"> 1.What Examples Can I Find of Living Things, Things That Are No Longer Alive and Things That Have Never Been Alive? (KP) 2.What Microhabitats Can We Find in Our School? (KP) 3.Do Plants Need Particular Habitats Too? (KP) 	<p>Animals Including Humans: Y1 – Animals Diets</p> <ol style="list-style-type: none"> 1.Do All Animals Eat the Same Things? (KP) 2.What do living things eat? (DE) <p>Y2 – Nutrition</p> <ol style="list-style-type: none"> 3.What Do Animals Need to Survive? (KP) 4.Why Should Humans Exercise? (KP) 5.Why Do We Eat Different Types Of Food? (KP) 	<p>Enquiries</p>	<p>Plants: Y1</p> <ol style="list-style-type: none"> 1. What Plants Do We Know and Where Can We Find Them? 2. What Part of a Plant Is Under the Ground? 3. Can We Use a Flower to Name a Plant? 4. Are All Tree Trunks the Same? 	<p>Plants: Y2</p> <ol style="list-style-type: none"> 1.What Do Plants Grow From? (KP) 2.How Do Bulbs and Seeds Grow? (KP) 3.What Does a Seed Need to Grow? (KP) 4.What Does a Plant Need to Stay Healthy? (KP) 5.What Is the Lifecycle of a Plant? (KP) 6.Assessment focus/gaps in learning (DE)
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	<p>4.What is the life cycle of a chicken? (DE)</p> <p>5.What is the life cycle of a butterfly? (DE)</p> <p>6.What is the life cycle of a frog? (DE)</p>	<p>4.How Do Different Habitats Provide For The Basic Needs Of Different Kinds Of Animals And Plants? (KP)</p> <p>5.How Do Animals Obtain Food From Other Animals And Plants? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>			<p>5. What Are the Leaves Like on Different Trees? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>	
1/2	<p>Animals Including Humans:</p> <p>Y2 – Life Cycles</p> <p>1.What is the human life cycle? (DE)</p> <p>2.What are the stages of life form adulthood to old age? (DE)</p> <p>3.How do I know which offspring belong to which parents? (DE)</p> <p>4.What is the life cycle of a chicken? (DE)</p> <p>5.What is the life cycle of a butterfly? (DE)</p> <p>6.What is the life cycle of a frog? (DE)</p>	<p>Living Things and Their Habitats: Y2</p> <p>1.What Examples Can I Find of Living Things, Things That Are No Longer Alive and Things That Have Never Been Alive? (KP)</p> <p>2.What Microhabitats Can We Find in Our School? (KP)</p> <p>3.Do Plants Need Particular Habitats Too? (KP)</p> <p>4.How Do Different Habitats Provide For The Basic Needs Of Different Kinds Of Animals And Plants? (KP)</p> <p>5.How Do Animals Obtain Food From Other Animals And Plants? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>	<p>Animals Including Humans:</p> <p>Y1 – Animals Diets</p> <p>1.Do All Animals Eat the Same Things? (KP)</p> <p>2.What do living things eat? (DE)</p> <p>Y2 – Nutrition</p> <p>3.What Do Animals Need to Survive? (KP)</p> <p>4.Why Should Humans Exercise? (KP)</p> <p>5.Why Do We Eat Different Types Of Food? (KP)</p>	Enquiries	<p>Plants: Y1</p> <p>1. What Plants Do We Know and Where Can We Find Them?</p> <p>2. What Part of a Plant Is Under the Ground?</p> <p>3. Can We Use a Flower to Name a Plant?</p> <p>4. Are All Tree Trunks the Same?</p> <p>5. What Are the Leaves Like on Different Trees? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>	<p>Plants: Y2</p> <p>1.What Do Plants Grow From? (KP)</p> <p>2.How Do Bulbs and Seeds Grow? (KP)</p> <p>3.What Does a Seed Need to Grow? (KP)</p> <p>4.What Does a Plant Need to Stay Healthy? (KP)</p> <p>5.What Is the Lifecycle of a Plant? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>

KS2 Curriculum – Year Groups to split into single cohorts

<p>Year 3 Kirsty</p>	<p>Animals Including Humans</p> <p>1.What are the 5 key food groups? (DE)</p> <p>2.What nutrition is in the food we eat?</p> <p>3.What are the different types of animal skeletons? (DE)</p> <p>4.Human skeletons: Why do we need them? (DE)</p> <p>5.How have skeletons adapted to help animals move in their environment? (DE)</p> <p>6.Why are muscles important? (DE)</p>	Scientific Enquiries	<p>Rocks</p> <p>1.How do igneous rocks form and what are their properties?</p> <p>2.How do sedimentary and metamorphic rocks form and what are their properties? (DE)</p> <p>3.Why are different rocks used for different purposes? (DE)</p> <p>4.How does water wear away a rock? (DE)</p> <p>5.How are fossils formed? (DE)</p> <p>6. What are the different types of soil? (DE)</p>	<p>Light</p> <p>1.Can we see without light? (KP)</p> <p>2.How does light behave when its reflected? (KP)</p> <p>3.Can we change how shadows are formed? (KP)</p> <p>4.How can we protect our eyes from the sun? (KP)</p> <p>5.Do shadows stay the same all day? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>	<p>Forces and Magnets</p> <p>1.What is a contact force? (KP)</p> <p>2.How do different surfaces effect the movement of objects? (KP)</p> <p>3. OGDEN ENQUIRY: Slippy Shoes – year 3</p> <p>4. What is a magnet and how do they work? (KP)</p> <p>5.What materials are attracted to magnets? (KP)</p> <p>6.Do all magnets have the same strength? (KP)</p>	<p>Plants</p> <p>1.How are seeds dispersed? (KP)</p> <p>2. What Are the Main Functions of The Different Parts of a Flowering Plant? (KP)</p> <p>3. How Do Plants Make Food and How Is Water Transported? (KP)</p> <p>4. Do All Plants Need the Same Things to Stay Alive? (KP)</p> <p>5.Why does a plant need flowers? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>
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<p>Year 4 Rob</p>	<p>Sound 1.How are sounds made? (DE) 2.How can we insulate from sound? (DE) 3.How does volume change sound? (DE) 4.How does pitch change sound? (DE) 5.How does distance change sound? (DE) 6.How do vibrations travel through the ear? (DE)</p>	<p>Animals Including Humans 1.What organs are in the digestive system? (DE) 2.What are the functions of the organs in the digestive system? (DE) 3.What are the types of human teeth and what are their functions? (DE) 4. How do different liquids effect our teeth? (DE) 5. What is a food chain? (DE) 6. What is a food web? (DE)</p>	<p>Living Things and Their Habitats 1.What different habitats are there? (DE) 2.What habitats can we find in the UK? (DE) 3.How can animals be classified? (DE) 4.How do I create a classification key? (DE) 5.How do animals adapt within a species and how can they be classified? (DE) 6.How can I classify a pond plant? (DE)</p>	<p>Living Things and Their Habitats: Conservation 1.How does seasonal change effect different ecosystems? (DE) 2.How does deforestation effect the environment? (DE) 3.What is air pollution and how can we make it better? (DE) 4.What is water pollution and how can we make it better? (DE) 5.What methods can we use to conserve water? (DE) 6.What positive impacts can humans have on the environment? (DE)</p>	<p>States of Matter 1.How many states of matter are there? (KP) 2.Can temperature change the state of an object? (KP) 3.Can all liquids be frozen to make solids? (KP) 4.What are the stages of the water cycle? (KP) 5.Does Temperature/Location Affect Rates of Evaporation? (KP) 6.Assessment focus/gaps in learning (DE)</p>	<p>Electricity 1.What types of appliances are electric and how can I be safe around them? (DE) 2.Is it a conductor or is it an insulator? (OT) 3.What is an electrical circuit and how do I make one? (OT) 4.How do components change my circuit? (OT) 5.What is the best way to turn a door into a switch so an alarm sounds when it opens or closes?(OT) 6.Assessment focus/gaps in learning (DE)</p>
<p>Year 5 Mark</p>	<p>Forces 1.How Does Friction Affect the Amount of Force Required to Move an Object? (KP) 2.What is gravity? (KP) 3.How Does Air Resistance Affect the Speed at which an Object Falls? (KP) 4.What Changes the Effects of Water Resistance? (KP) 5.What Impact do Gears, Levers and Pulleys Have on Forces? (KP) 6.Assessment focus/gaps in learning (DE)</p>	<p>Earth and Space 1.How Does Our Position in The Solar System Impact Life on Earth? (KP) 2. What is the lunar orbit? (OT) 3.What are those spheres in space? (OT) 4.Does anything else orbit the sun? (KP) 5.How does the solar system move? (OT) 6.How do we get night and day (KP) 7.How can shadows show us that the earth is rotating? (KP)</p>	<p>Living Things and Their Habitats 1.Are There Any Differences Between the Lifecycles of Mammals, Amphibians, Insects and Birds? (KP) 2.How Can We Behave Like Naturalists? (KP) 3.What is sexual reproduction in plants? (KP) 4.Can plants reproduce without seeds? (KP) 5.Do all animals reproduce the same way? (KP)</p>	<p>Properties and Changes of Materials 1.What Material Is Most Effective in Keeping a Cup of Tea Warm? (KP) 2.What Materials Make the Best Thermal Insulators? (KP) 3.When we change a material, is it always forever? (KP) 4.How can we separate a mixture? (KP) 5.When does a change make a new material? (KP) 6.Assessment focus/gaps in learning (DE)</p>	<p>Animals Including Humans 1.How do humans change over time? (KP) 2.How do humans change over time? (KP) 3.How Can We Investigate Changes as We Progress Through the Lifecycle? (KP) 4.What happens to us during puberty (KP) 5.What Can the Size of Animals Incl. Humans Tell Us About Gestation Periods? (KP) 6.Assessment focus/gaps in learning (DE)</p>	<p>Scientific Enquiries</p>
<p>Year 6 Year 5 curriculum to fill gaps Lisa/Debbie</p>	<p>Forces 1.How Does Friction Affect the Amount of Force Required to Move an Object? (KP) 2.What is gravity? (KP) 3.How Does Air Resistance Affect the Speed at which an Object Falls? (KP) 4.What Changes the Effects of Water Resistance? (KP)</p>	<p>Earth and Space 1.How Does Our Position in The Solar System Impact Life on Earth? (KP) 2. What is the lunar orbit? (OT) 3.What are those spheres in space? (OT) 4.Does anything else orbit the sun? (KP) 5.How does the solar system move? (OT) 6.How do we get night and day (KP)</p>	<p>Living Things and Their Habitats 1.Are There Any Differences Between the Lifecycles of Mammals, Amphibians, Insects and Birds? (KP) 2.How Can We Behave Like Naturalists? (KP) 3.What is sexual reproduction in plants? (KP) 4.Can plants reproduce without seeds? (KP) 5.Do all animals reproduce the same way? (KP)</p>	<p>Living Things and Their Habitats – 6 (to fill in gaps from previous year) 1.How do I classify a living organism? (DE) 2.What are the kingdoms of life? (DE) 3.How do I use the Linnean system of classification? (DE) 4.What are the different types of microorganisms</p>	<p>Animals Including Humans 1.How do humans change over time? (KP) 2.How do humans change over time? (KP) 3.How Can We Investigate Changes as We Progress Through the Lifecycle? (KP) 4.What happens to us during puberty (KP) 5.What Can the Size of Animals Incl. Humans Tell</p>	<p>Evolution and Inheritance (to fill in gap from previous year) 1.How do offspring vary from their parents? (DE) 2.How do animals adapt? (DE) 3.How do plants adapt? (DE) 4.What do fossils teach us? (DE) 5.What is the theory of natural evolution and what does survival of the fittest mean? (DE)</p>

	5.What Impact do Gears, Levers and Pulleys Have on Forces? (KP) 6.Assessment focus/gaps in learning (DE)	7.How can shadows show us that the earth is rotating? (KP)		and what are their properties? (DE) 5.How does asexual reproduction happen in plants? (DE) 6.How do I classify a living organism? (DE)	Us About Gestation Periods? (KP) 6.Assessment focus/gaps in learning (DE)	6.How have humans evolved? (DE)
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Curriculum Overview 2026 - 2027



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS curriculum: Understanding the World						
Nursery	Children will know the names of body parts: heads, arms, hands, legs, feet, neck.		Materials changing when cooking or heating. Investigate natural materials Materials change when melting		Butterflies and eggs Living things Light, dark and shadows Seeds and planting Floating, sinking, stretching forces.	
Reception	-Explore the natural world and describe what I see, hear and feel when outside -Understand the effects of the changing seasons around me – autumn	-Begin to describe what I see, smell and feel in the natural world -Talk about recycling – linked to recycling week -Begin to understand the negative impact that humans can have on the environment	-Talk about why something melts or freezes and the changes that happen -Make observations of the animals that live in the arctic/Antarctic/desert and talk about what makes them special -Compare the weather in winter to the weather in autumn	-Talk about signs of spring / changes from winter to spring – spring walk. -Understand the effect of changing seasons on the natural world around me -Explore non-contact forces (gravity and magnetism)	-Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what I have read	ELG: The Natural World: I can..... -Explore the natural world around me, making observations and drawing pictures of animals and plants -Know some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class -Understand some important processes and changes in the natural world around me, including the seasons and changing states of matter
KS1 curriculum: 2 Year Rolling Programme B						
Rec/1	Seasonal Changes: Autumn 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Autumn? (DE) 3.How can we measure rainfall? (DE) Animals Including Humans: The Human Body 1.What parts make up the Human Body? (DE)	Animals Including Humans: Y1 – Animal Groups and structures Y1 – Animal Groups and structures 1.What are animal families? (DE) 2.What is the difference between a mammal and a bird? (DE) 3. What is the difference between an amphibian, reptile and fish?	Seasonal Changes: Winter 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Winter? (DE) 3.How can we measure rainfall? (DE) Animals Including Humans: Y1 – Senses 1.Which Parts of the Body Do we Need to See? (DE)	Seasonal Changes: Spring 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Spring? (DE) 3.How can we measure rainfall? (DE) Materials: Y1 1.What Materials Are These Objects Made From? (KP)	Materials: Y2 1.What do we know about everyday materials? (KP) 2.Which material is best? (KP) 3.How well do different materials bounce? (KP) 4.Can solid objects change shape? (KP) 5.Which fabric is the stretchiest? (KP) 6.Assessment Focus	Seasonal Changes: Summer 1.Do you know the 4 seasons? (DE) 2.What changed take place in the Summer? (DE) 3.How can we measure rainfall? (DE) Enquiries and Gaps in learning

		<p>4.What types of food do Living Things Eat?</p> <p>5.What is the Difference between wild animals and pets? (DE)</p> <p>6. What are the characteristics of an animals? (DE)</p>	<p>2.Which Parts of the Body Do we Need to Hear? (DE)</p> <p>3.Which Parts of the Body Do we Need to Taste? (DE)</p> <p>4.Which Parts of the Body do we Need to Touch? (DE)</p> <p>5. Which part of the Body do we Need to Smell? (DE)</p>	<p>2. What is the Object and What is the Material? (DE)</p> <p>3.What Properties do Materials Have? (KP)</p> <p>3. What Material is Best at Absorbing Water? (KP)</p> <p>4. What Material is Best at Keeping us Dry/is Waterproof?</p>		
1/2	<p>Seasonal Changes: Autumn</p> <p>1.Do you know the 4 seasons? (DE)</p> <p>2.What changed take place in the Autumn? (DE)</p> <p>3.How can we measure rainfall? (DE)</p> <p>Animals Including Humans: The Human Body</p> <p>1.What parts make up the Human Body? (DE)</p>	<p>Animals Including Humans: Y1 – Animal Groups and structures</p> <p>Y1 – Animal Groups and structures</p> <p>1.What are animal families? (DE)</p> <p>2.What is the difference between a mammal and a bird? (DE)</p> <p>3. What is the difference between an amphibian, reptile and fish?</p> <p>4.What types of food do Living Things Eat?</p> <p>5.What is the Difference between wild animals and pets? (DE)</p> <p>6. What are the characteristics of an animals? (DE)</p>	<p>Seasonal Changes: Winter</p> <p>1.Do you know the 4 seasons? (DE)</p> <p>2.What changed take place in the Winter? (DE)</p> <p>3.How can we measure rainfall? (DE)</p> <p>Animals Including Humans: Y1 – Senses</p> <p>1.Which Parts of the Body Do we Need to See? (DE)</p> <p>2.Which Parts of the Body Do we Need to Hear? (DE)</p> <p>3.Which Parts of the Body Do we Need to Taste? (DE)</p> <p>4.Which Parts of the Body do we Need to Touch? (DE)</p> <p>5. Which part of the Body do we Need to Smell? (DE)</p>	<p>Seasonal Changes: Spring</p> <p>1.Do you know the 4 seasons? (DE)</p> <p>2.What changed take place in the Spring? (DE)</p> <p>3.How can we measure rainfall? (DE)</p> <p>Materials: Y1</p> <p>1.What Materials Are These Objects Made From? (KP)</p> <p>2. What is the Object and What is the Material? (DE)</p> <p>3.What Properties do Materials Have? (KP)</p> <p>3. What Material is Best at Absorbing Water? (KP)</p> <p>4. What Material is Best at Keeping us Dry/is Waterproof?</p>	<p>Materials: Y2</p> <p>1.What do we know about everyday materials? (KP)</p> <p>2.Which material is best? (KP)</p> <p>3.How well do different materials bounce? (KP)</p> <p>4.Can solid objects change shape? (KP)</p> <p>5.Which fabric is the stretchiest? (KP)</p> <p>6.Assessment Focus</p>	<p>Seasonal Changes: Summer</p> <p>1.Do you know the 4 seasons? (DE)</p> <p>2.What changed take place in the Summer? (DE)</p> <p>3.How can we measure rainfall? (DE)</p> <p>Enquiries and Gaps in learning</p>

KS2 Curriculum – Year Groups to split into single cohorts

<p>Year 3 Kirsty</p>	<p>Animals Including Humans</p> <p>1.What are the 5 key food groups? (DE)</p> <p>2.What nutrition is in the food we eat?</p> <p>3.What are the different types of animal skeletons? (DE)</p> <p>4.Human skeletons: Why do we need them? (DE)</p> <p>5.How have skeletons adapted to help animals move in their environment? (DE)</p>	<p>Scientific Enquiries</p>	<p>Rocks</p> <p>1.How do igneous rocks form and what are their properties?</p> <p>2.How do sedimentary and metamorphic rocks form and what are their properties? (DE)</p> <p>3.Why are different rocks used for different purposes? (DE)</p> <p>4.How does water wear away a rock? (DE)</p> <p>5.How are fossils formed? (DE)</p> <p>6. What are the different types of soil? (DE)</p>	<p>Light</p> <p>1.Can we see without light? (KP)</p> <p>2.How does light behave when its reflected? (KP)</p> <p>3.Can we change how shadows are formed? (KP)</p> <p>4.How can we protect our eyes from the sun? (KP)</p> <p>5.Do shadows stay the same all day? (KP)</p> <p>6.Assessment focus/gaps in learning (DE)</p>	<p>Forces and Magnets</p> <p>1.What is a contact force? (KP)</p> <p>2.How do different surfaces effect the movement of objects? (KP)</p> <p>3. OGDEN ENQUIRY: Slippy Shoes – year 3</p> <p>4. What is a magnet and how do they work? (KP)</p> <p>5.What materials are attracted to magnets? (KP)</p>	<p>Plants</p> <p>1.How are seeds dispersed? (KP)</p> <p>2. What Are the Main Functions of The Different Parts of a Flowering Plant? (KP)</p> <p>3. How Do Plants Make Food and How Is Water Transported? (KP)</p> <p>4. Do All Plants Need the Same Things to Stay Alive? (KP)</p>
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	6.Why are muscles important? (DE)				6.Do all magnets have the same strength? (KP)	5.Why does a plant need flowers? (KP) 6.Assessment focus/gaps in learning (DE)
Year 4 Rob	Sound 1.How are sounds made? (DE) 2.How can we insulate from sound? (DE) 3.How does volume change sound? (DE) 4.How does pitch change sound? (DE) 5.How does distance change sound? (DE) 6.How do vibrations travel through the ear? (DE)	Animals Including Humans 1.What organs are in the digestive system? (DE) 2.What are the functions of the organs in the digestive system? (DE) 3.What are the types of human teeth and what are their functions? (DE) 4. How do different liquids effect our teeth? (DE) 5. What is a food chain? (DE) 6. What is a food web? (DE)	Living Things and Their Habitats 1.What different habitats are there? (DE) 2.What habitats can we find in the UK? (DE) 3.How can animals be classified? (DE) 4.How do I create a classification key? (DE) 5.How do animals adapt within a species and how can they be classified? (DE) 6.How can I classify a pond plant? (DE)	Living Things and Their Habitats: Conservation 1.How does seasonal change effect different ecosystems? (DE) 2.How does deforestation effect the environment? (DE) 3.What is air pollution and how can we make it better? (DE) 4.What is water pollution and how can we make it better? (DE) 5.What methods can we use to conserve water? (DE) 6.What positive impacts can humans have on the environment? (DE)	States of Matter 1.How many states of matter are there? (KP) 2.Can temperature change the state of an object? (KP) 3.Can all liquids be frozen to make solids? (KP) 4.What are the stages of the water cycle? (KP) 5.Does Temperature/Location Affect Rates of Evaporation? (KP) 6.Assessment focus/gaps in learning (DE)	Electricity 1.What types of appliances are electric and how can I be safe around them? (DE) 2.Is it a conductor or is it an insulator? (OT) 3.What is an electrical circuit and how do I make one? (OT) 4.How do components change my circuit? (OT) 5.What is the best way to turn a door into a switch so an alarm sounds when it opens or closes?(OT) 6.Assessment focus/gaps in learning (DE)
Year 5 Mark	Forces 1.How Does Friction Affect the Amount of Force Required to Move an Object? (KP) 2.What is gravity? (KP) 3.How Does Air Resistance Affect the Speed at which an Object Falls? (KP) 4.What Changes the Effects of Water Resistance? (KP) 5.What Impact do Gears, Levers and Pulleys Have on Forces? (KP) 6.Assessment focus/gaps in learning (DE)	Earth and Space 1.How Does Our Position in The Solar System Impact Life on Earth? (KP) 2. What is the lunar orbit? (OT) 3.What are those spheres in space? (OT) 4.Does anything else orbit the sun? (KP) 5.How does the solar system move? (OT) 6.How do we get night and day (KP) 7.How can shadows show us that the earth is rotating? (KP)	Living Things and Their Habitats 1.Are There Any Differences Between the Lifecycles of Mammals, Amphibians, Insects and Birds? (KP) 2.How Can We Behave Like Naturalists? (KP) 3.What is sexual reproduction in plants? (KP) 4.Can plants reproduce without seeds? (KP) 5.Do all animals reproduce the same way? (KP)	Properties and Changes of Materials 1.What Material Is Most Effective in Keeping a Cup of Tea Warm? (KP) 2.What Materials Make the Best Thermal Insulators? (KP) 3.When we change a material, is it always forever? (KP) 4.How can we separate a mixture? (KP) 5.When does a change make a new material? (KP) 6.Assessment focus/gaps in learning (DE)	Animals Including Humans 1.How do humans change over time? (KP) 2.How do humans change over time? (KP) 3.How Can We Investigate Changes as We Progress Through the Lifecycle? (KP) 4.What happens to us during puberty (KP) 5.What Can the Size of Animals Incl. Humans Tell Us About Gestation Periods? (KP) 6.Assessment focus/gaps in learning (DE)	Scientific Enquiries
Year 6 Lisa/Debbie	Animals Including Humans 1.What is the function of the heart and what is its role in the human circulatory system? (DE) 2.How do I identify and compare blood vessels? (DE) 3.How is blood made? (DE)	Living Things and Their Habitats 1.How do I classify a living organism? (DE) 2.What are the kingdoms of life? (DE) 3.How do I use the Linnean system of classification? (DE)	Light 1.How does light travel (KP) 2.Is A Shadow Always The Same Shape As The Object That Casts It? (KP) 3.Does a mirror reflect light? (KP) 4.What is Refraction and Why Is It a Phenomenon? (KP)	Electricity 1.How do I draw a circuit? (OT) 2.Which circuit designs have mistakes in them?(OT) 3.What voltage is this? (OT) 4.How do components change my circuit? (OT)	Evolution and Inheritance 1.How do offspring vary from their parents? (DE) 2.How do animals adapt? (DE) 3.How do plants adapt? (DE)	Scientific Enquiries

	<p>4.How does the body transport water and nutrients? (DE) 5.What things effect my heart rate? (DE) 6.What impact do drugs and alcohol have on my body? (DE)</p>	<p>4.What are the different types of microorganisms and what are their properties? (DE) 5.How does asexual reproduction happen in plants? (DE) 6.How do I classify a living organism? (DE)</p>	<p>5.What Colour is Light? Is this a phenomenon? (KP) 6.Assessment focus/gaps in learning (DE)</p>	<p>5. How does the brightness of a lamp in a circuit change when more lamps are added to the circuit? (OT) 6. How does changing the voltage across a buzzer affect the loudness of a buzzer? (OT) 7. Does voltage affect how quickly a motor spins? (OT)</p>	<p>4.What do fossils teach us? (DE) 5.What is the theory of natural evolution and what does survival of the fittest mean? (DE) 6.How have humans evolved? (DE)</p>	
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