



Key Stage 2 (Science) Curriculum Map 2023 - 24

	Autumn	Spring	Summer
Year 3	<p>Animals including Humans What is a balanced diet and why is it important? What is a skeleton? Do all creatures have the same kind of skeleton?</p> <p>Light What are 'light' and 'dark'? Where does light come from and where does it go to? How does light move?</p>	<p>Rocks Are all rocks the same? What is a fossil? Why do some rocks contain fossils?</p> <p>Forces What is magnetism? What sorts of materials are magnetic? Why are some magnets more powerful than others?</p>	<p>Plants How many parts does a plant have? What are these parts used for? Do all plants have the same parts? How is water transported through plants? Are plants male or female? What is pollination and how does it work?</p>
Year 4	<p>Teeth Why do teeth come in different shapes and sizes? How does the human digestive system work? What are food chains and what happens when they change?</p> <p>Electricity What dangers does electricity pose? What is the difference between conductors and insulators? Which materials are good conductors of electricity and how do we know?</p>	<p>Sound How does sound travel? How can you alter the pitch and volume of a sound? What materials are good sound insulators?</p> <p>States of Matter What is the difference between a solid, a liquid and a gas? What are the properties of solids, liquids and gases? How does one change into another?</p>	<p>Plants What conditions do plants need to survive and prosper? What would happen to plants if their environment change? How could they adapt to the new environment?</p> <p>Habitats What is a habitat? What makes a 'good' habitat? What habitats exist in the school grounds?</p>
Year 5	<p>Materials Which materials are good thermal conductors and which are good insulators? Which materials are good electrical conductors and which are good insulators? Which materials are good sound insulators?</p> <p>Materials What are the properties of solids, liquids and gases? How can we separate materials once they have been mixed together? How can we make new materials?</p>	<p>Forces What is air resistance and how can we reduce it? What is gravity and where does it come from? What is upthrust?</p> <p>Space What shape are the planets of our solar system? How are day and night created? Why do we have seasons?</p>	<p>Animals What are the features of an insect's life-cycle? What are the features of an amphibian's life-cycle? How do plants reproduce?</p> <p>Living Things What is 'gestation'. What is the gestation period for different animals? Why do some animals have different gestation periods?</p>
Year 6	<p>Living Things How do classification tables work?</p>	<p>Light How can we prove that light travels in straight lines?</p>	<p>Animals What is the circulatory system and how does it work? How has the human body changed over time?</p>



Key Stage 2 (Science) Curriculum Map 2023 - 24

	<p>Why do we classify the animal kingdom using these tables? Can you create a creature that would fit within one of these tables?</p> <p>Evolution</p> <p>What traits do we inherit from our parents? Why do species vary so much? What does it mean for a living thing to evolve?</p>	<p>How can we re-direct light? What is light made from?</p> <p>Electricity</p> <p>What do you need to make a simple circuit work? How does voltage effect the working of a circuit? How do dimmer switches work?</p>	<p>How does diet effect the circulatory system?</p>
--	---	---	---