



Science Curriculum Overview

Year	Subject	Autumn	Spring	Summer
<u>1</u>	Science	<u>Seasonal changes</u> Big Q- What happens when the seasons change?	<u>Animals including humans (extension unit)</u> Big Q- Can you sort different animals into a range of groups?	<u>Materials (extension unit)</u> Big Q- What materials would an explorer need to be successful in their adventure?
		<u>Materials</u> Materials Big Q- What materials would be most useful for seafarers?	<u>Animals including humans</u> Big Q- Can you name different parts of your body <u>Science week</u>	<u>Plants</u> Big Q- Can you name some plants and trees in our area?
<u>2</u>		<u>Materials</u> Big Q- Can you describe how you could use different materials?	<u>Animals including humans</u> Big Q- Can you describe the life cycle of an animal? Big Q- What makes a healthy me?	<u>Plants</u> Big Q- Can you describe the life cycle of a plant? Big Q- How could we grow the healthiest plant?
			<u>Science week</u>	<u>Living things and habitats</u> Big Q- Can you describe different habitats and the plants and animals that might live there?
<u>3</u>		<u>Rocks & soils</u> Big Q- Where do we use rocks and soil in our everyday life?	<u>Forces and magnets</u> Big Q- Can you describe the forces at work in building an Egyptian pyramid?	<u>Animals including humans</u> Big Q- How do our bodies work?
		<u>Light</u> Big Q- How does light affect our lives?	<u>Science week</u>	<u>Plants</u> Big Q- Can you describe the requirements for a healthy plant?
<u>4</u>		<u>Animals including humans</u> Big Q- Can you describe the function of our digestive system?	<u>States of matter</u> Big Q- Where do we see the different states of matter in our daily lives?	<u>Electricity</u> Big Q- How does an electrical circuit work?
		<u>Sound</u> Big Q- How is sound made and how do we hear?	<u>Science week</u>	<u>Living things</u> Big Q- Can you name and group a variety of living things?
<u>5</u>		<u>Forces</u> Big Q- How does our understanding of forces help us in the real world?	<u>Space</u> Big Q- Where are we in the universe? Can you describe the relationship between the Sun, Earth and Moon?	<u>Living things and habitats</u> Big Q- Do all creatures have the same life cycles?
		<u>Properties of materials</u> Big Q- Using your knowledge of materials, can you separate a range of them in a variety of ways?	<u>Science week</u> Big Q-	<u>Animals including humans</u> Big Q- How do we change as we grow older?
<u>6</u>		<u>Animals including humans</u> Big Q- What is the impact of our lifestyle on our bodies?	<u>Electricity</u> Big Q- Can you describe the effect of changing the quantity of components in a circuit?	<u>Light</u> Big Q- Can you describe how we see?
		<u>Evolution and inheritance</u> Big Q- How have plants and animals changed over time?	<u>Science week</u>	<u>Living things and habitats</u> Big Q- Can you classify different living things by the characteristics?