



WOODVALE PRIMARY ACADEMY

Science Enquiry Questions

Long Term Plan 2023-2024

	Autumn		Spring		Summer	
Year 1	Animals, including Humans		Everyday Materials		Seasonal Changes (across the year)	Plants
	<i>What is special about me/ humans? What is special about other animals?</i>		<i>What materials can we use to build a ? (English & DT)</i>		<i>How do I know the seasons are changing?</i>	<i>What plants can we find around our school?</i>
Year 2	Living Things and Habitats		Animals, including Humans		Plants	Everyday Materials
	<i>How has climate change affected an animal's habitat? (Geography)</i>		<i>What food do you need in a healthy diet and why? (PHSE & PE)</i>		<i>How can I grow my own salad?</i>	<i>How can we find treasure on the beach? (Geography)</i>
Year 3	Rocks	Forces and Magnets	Animals, including Humans	Light	Plants	Scientific Enquiry
	<i>What do rocks tell us about the way the Earth was formed? (History & Geography)</i>	<i>Does the size and shape of a magnet affect how strong it is? (Maths)</i>	<i>Do people with long arms throw further? (Maths & PE)</i>	<i>How can I change the size of my shadow? (Maths)</i>	<i>How did that blossom become an apple?</i>	<i>How can we clean an old coin ? (History)</i>
Year 4	Sound	Animals, including Humans	Living things and Habitats		States of Matter	Electricity
	<i>How do we hear?</i>	<i>How does a human digest their food? (Geography)</i>	<i>How many ways can we classify and identify our classmates?</i>		<i>How would we survive without water? (Geography)</i>	<i>How could we cope without electricity?</i>
Year 5	Forces	Living Things and Habitats	Earth and Space	Animals, including Humans	Properties and Changes of Materials	
	<i>Why do objects fall from the sky?</i>	<i>Do all animals and plants start life as an egg?</i>	<i>Will we ever send another human to the moon?</i>	<i>How different will you be when you are as old as your grandparent? (Geography)</i>	<i>Whilst cooking, can we create a reversible change?</i>	
Year 6	Animals, including Humans	Electricity	Evolution and Inheritance	Living things and Habitats	Light	Looking After Our Environment
	<i>What would a journey through your body look like?</i>	<i>How can I make a lamp brighter or a buzzer louder? (DT and Geography)</i>	<i>Have we always looked like this?</i>	<i>Who is the 'odd one out'? (Geography)</i>	<i>Can we create our own rainbow?</i>	<i>How can we reduce our carbon footprint? (Geography)</i>