

# DUDLEY ACADEMIES TRUST - KATES HILL PRIMARY SCHOOL

## Primary Science Curriculum Overview 2024-2025



The national curriculum for science aims to ensure all pupils:

- Develop scientific knowledge and conceptual understanding through the specific disciplines of biology chemistry and physics
- Develop understanding of the nature, processes, and method of science through different types of science enquiries that help them to answer scientific questions about the world around them
- Are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	Understanding the world					
<b>Reception</b>	Understanding the world				The natural world	
<b>Year 1</b>	Animals, including Humans		Everyday materials		Plants	
	Seasonal Changes throughout the year (Assessment at the end of the year)					
<b>Year 2</b>	Animals, including Humans	Uses of everyday materials	Living Things and Their Habitats		Plants	
<b>Year 3</b>	Forces and Magnets	Animals, including Humans	Rocks		Plants	Light
<b>Year 4</b>	States of Matter	Sound	Electricity	Animals including Humans	Living Things and Their Habitats	



<b>Year 5</b>	Forces	Earth and Space	Properties and Changes of Materials		Living Things and Their Habitats	Animals, including Humans
<b>Year 6</b>	Light	Animals, including Humans	Evolution and Inheritance		Living Things and Their Habitats	Electricity
<b>Year 7</b>	<b>Cells and Systems</b> How do cells make organisms?	<b>Microbes and Gut Health</b> How does your body keep you healthy?	<b>Genetics and Evolution</b> Why do giraffes have long necks?	<b>Particles and Bonding</b> How are particles arranged in materials?	<b>Physical Chemistry</b> How can I make more product fast?	
	<b>Types of Reactions</b> What are the different types of reactions?	<b>Energy</b> How is energy transferred?	<b>Electricity and Magnetism</b> How are magnets and electricity similar?	<b>Forces</b> What is a force?	<b>Waves</b> How are waves similar and different?	