



DOG KENNEL HILL PRIMARY SCHOOL

Year 1 Curriculum Map



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>The Human Body and the Senses Children learn to identify, name draw and label the basic parts of the human body and say which parts of the body is associated with each sense.</p>	<p>Identifying Animals Children will identify and name a variety of common animals that are birds, fish, amphibians, reptiles and mammals and what they eat.</p>	<p>Everyday materials Children learn to distinguish the object from its material, identify and name everyday materials and describe physical properties.</p>	<p>Seasonal changes Children will work scientifically by: making tables and charts about the weather; and making displays of what happens in the world around them, including day length, as the seasons change.</p>	<p>Plants Children will observing closely, using magnifying glasses, and comparing and contrasting familiar plants; describing how they were able to identify and group them, and drawing diagrams showing the parts of different plants including trees.</p>	

Year 2 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Life Cycles Children will learn how animals, including humans, have offspring which grow into adults.</p>	<p>Uses of everyday materials Children will compare the uses of everyday materials in and around the school with materials found in other places (at home, the journey to school, on visits, and in stories, rhymes and songs); observing closely, identifying and classifying the uses of different materials, and recording their observations.</p>		<p>Living things in their habitats Children will learn more about how animals continue to grow and thrive, asking questions about what things animals need for survival and what humans need to stay healthy.</p>		<p>Growing Plants Children will learn about the growth of a variety of plants as they change over time from a seed or bulb.</p>



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Year 3 Curriculum Map



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	Nutrition, Skeletons and Muscles Children will learn how animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food.	Forces and Magnets Children will learn that while some forces need contact between two objects, magnetic forces can act at a distance – as well as other properties.	Rocks Children will learn to compare and group together different kinds of rocks on the basis of their appearance, simple physical properties and constitution, as well as fossils.	Light Children will learn more about how light is reflected, how shadows are formed and the dangers associated with a light (as well as a lack of it.)	Plants Children will learn to identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers; and explore the requirements of plants for life and growth.	

Year 4 Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	Sound Children will learn how vibrations cause sound to travel to the ear and recognise how pitch and volume can be changed	Solids, Liquids and Gases Children will learn to group solids, liquids and gases and learn that these change state when heated or cooled.	Digestion Children will learn the simple functions of the basic parts of the digestive system in humans including the teeth.	Electricity Children will be introduced to simple series circuits and will identify what causes these to succeed or fail.	Classifying Animals and Plants Children learn about how plants and animals are grouped in different ways, including through the use of classification keys, and how they thrive in different environments.	



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Year 5/6 Curriculum Map



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	<p>Evolution and Inheritance Children will learn how animals and plants are adapted to suit their environment in different ways and how that adaptation has led to evolution</p>	<p>Light Children will learn how light travelling in straight lines enables us to see and creates other observable phenomena such as shadows and refraction.</p>	<p>Blood and Circulation Children learn to identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood and how these are affected by diet and lifestyle.</p>	<p>Electricity Children build on their knowledge of circuits, using recognised symbols when representing a simple circuit in a diagram and creating variations in pitch / brightness of the components.</p>	<p>Living things and their habitats Children use the work of Carl Linnaeus to understand classification systems and keys to identify some animals and plants in the immediate environment. They will also research unfamiliar animals and plants from a broad range of other habitats and decide where they belong in the classification system.</p>	