

# Woodcroft Academy Science Long Term Plan 2021 - 2022

Year 1	Year 2	Year 3	Year 4
<b>Plants</b> --Structure of a plant -Recognising common plants including trees	<b>Plants</b> -How seeds and bulbs grow -The needs of a plant	<b>Year 1 Plants</b> --Structure of a plant -Recognising common plants including trees <b>Plants</b> -Structure of a plant -Lifecycle of a plant -How water travels in plants - Role of flowers	<b>Year 2 - Living things and their habitats</b> -Exploring living/non living things -Role of a habitat -Food chains <b>Living things and their habitats (classification)</b> - Classification using keys -Changing environment and habitats
<b>Animals and humans (common animals)</b> -Naming and describing common animals -Human body parts	<b>Animals and humans (all about me)</b> Offspring -Basic needs of a human -Exercise and hygiene	<b>Animals and humans (healthy bones &amp; diet)</b> -Role of the skeleton - Nutrition and diet	<b>Animals and humans (digestion)</b> - Functions of the digestive system - Different types of teeth and their functions - Food chains - identifying producers, predators and prey
<b>Seasonal Changes</b> -Record the sun, weather and seasonal characteristics	<b>Living things and their habitats</b> -Exploring living/non-living things -Role of a habitat -Food chains	<b>Year 2 - Uses of Everyday Materials</b> -Identify and compare everyday materials -How objects can be changed <b>Rocks</b> - Compare & group rocks - How fossils are formed - Soil, rocks & organic matter	<b>States of Matter</b> - Gases, liquids, solids - Material changes - Evaporation & condensation
<b>Everyday Materials</b> -Recognising different materials -Describe simple properties of materials -Classifying materials	<b>Uses of Everyday Materials</b> -Identify and compare everyday materials -How objects can be changed	<b>Light</b> -Observe & name light sources of light -Reflections -Shadows skills	<b>Sound</b> -Sources of sound -How sound is made -Pitch and volume
		<b>Forces and Magnets</b> -How magnets attract and repel -Magnetic objects -Movement	<b>Electricity</b> -Simple circuits -Switches -Lamps Conductors/insulators
<b>Missed learning from previous years due to Covid-19</b>			

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