



Woodcroft Science Overview



| Year 1 | Year 2 | Year 3 | Year 4 |
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| <p>What is a plant?</p> <ul style="list-style-type: none"> --Structure of a plant -Recognising common plants including trees | <p>How do plants grow?</p> <ul style="list-style-type: none"> -How seeds and bulbs grow -The needs of a plant | <p>How do living things work?</p> <ul style="list-style-type: none"> -Structure of a plant -Lifecycle of a plant -How water travels in plants - Role of flowers | <p>Living things – What is the same, what is different?</p> <ul style="list-style-type: none"> - Classification using keys -Changing environment and habitats |
| <p>What are bodies and what can they do?</p> <ul style="list-style-type: none"> -naming and describing common animals -human body parts | <p>How can living things stay healthy?</p> <p>Offspring</p> <ul style="list-style-type: none"> -Basic needs of a human -Exercise and hygiene | <p>What does our body do?</p> <ul style="list-style-type: none"> -Role of the skeleton - Nutrition and diet | <p>What happens to the food we eat?</p> <ul style="list-style-type: none"> - Functions of the digestive system - Different types of teeth and their functions - Food chains - identifying producers, predators and prey |
| <p>Do living things change or stay the same?</p> <ul style="list-style-type: none"> -Record the sun, weather and seasonal characteristics | <p>What do living things need to stay alive?</p> <ul style="list-style-type: none"> -Exploring living/non living things -Role of a habitat -Food chains | <p>Are all rocks the same?</p> <ul style="list-style-type: none"> - Compare & group rocks - How fossils are formed - Soil, rocks & organic matter - | <p>Is water always wet?</p> <ul style="list-style-type: none"> - Gases, liquids, solids Material changes - Evaporation & condensation |
| <p>What are things made of?</p> <ul style="list-style-type: none"> -Recognising different materials -Describe simple properties of materials -Classifying materials | <p>Can we change materials?</p> <ul style="list-style-type: none"> -Identify and compare everyday materials -How objects can be changed | <p>What is light and dark?</p> <ul style="list-style-type: none"> -Observe and name light sources of light -Reflections -Shadows skills | <p>How do we hear different sounds?</p> <ul style="list-style-type: none"> -Sources of sound -How sound is made -Pitch and volume |
| <p>Chemistry Physics Biology</p> | | <p>What can magnets do?</p> <ul style="list-style-type: none"> -How magnets attract and repel -Magnetic objects -Movement | <p>Can we control electricity?</p> <ul style="list-style-type: none"> -Simple circuits -Switches -Lamps Conductors/insulators |