



Coupe Green  
Primary School  
HOUGHTON

# Coupe Green Primary School

## Science Long Term Overview

### Cycle A



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Acorn</b>	To explore the natural world around them.  <b>Plants and Living Things</b>	To be able to describe what they see, hear and feel whilst outside.  <b>Seasonal Observation</b>	To be able to describe different materials.  <b>Materials</b>	-To be able to recognise some environments that are different to the one in which they live.  <b>Animals and Habitats</b>	-To be able to make observations of the natural world around them.  <b>Forces</b>	To understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  <b>Reversible and Irreversible Changes</b>
<b>Oak</b>	How does the weather change throughout the year?  Seasonal Changes	What are the different human body parts and what are senses?  Animals including Humans: Humans	-	What different materials can be used to create different objects?  Materials	Are all trees and plants the same?  Plants	What are the different types of animals that live in our world?  Animals (inc. Humans): Animals
<b>Elm</b>	Which materials would be best to make a children's toy?  Materials and their Properties	-	Why do some animals live in the desert and others the rainforest? Living things and their Habitats (Rainforests / Deserts)	How do plants turn from seeds to flowers?  Plants	How do animals survive?  Animals (inc. Humans)	What can we find below the surface of the ocean?  Living things and their Habitats (Oceans)

<b>Ash</b>	<b>How do animals (including humans) survive?</b>  Animals (inc. Humans): Skeletons and Muscles	<b>What is the difference between a magnetic force and most other types of force?</b>  Forces and Magnets	<b>What are rocks and what secrets can they hold?</b>  Rocks	<b>Why is light beneficial to humans?</b>  Light and Shadow	<b>What do plants need to survive?</b>  Plants	<b>How does what we eat affect us?</b>  Nutrition and Healthy Lifestyles
<b>Maple</b>	<b>Are all changes reversible?</b>  Materials and their Properties	<b>How can animals and plants be grouped?</b>  Living things and their habitats: Classification Keys	<b>Does the sun move?</b>  Earth and Space	<b>What are rocks and what secrets can they hold?</b>  Rocks	<b>Why do most objects fall to the ground and not float in the air?</b>  Forces	<b>Do all electrical appliances work in the same way?</b>  Electricity
<b>Elder</b>	<b>Why is diet and exercise so important for the human body?</b>  Animals (inc. Humans): Circulatory System	<b>Why do we use metal for some objects and not others?</b>  Materials and their Properties	<b>How can levers, pulleys and gears be used to help us move objects?</b>  Forces	<b>How can we see the world around us?</b>  Light	<b>How are the planets in our solar system different?</b>  Earth and Space	<b>Are all life cycles the same and how do plants reproduce?</b>  Living things and their Habitats