



Halton Community Combined School – Science Whole School Overview

EYFS

ELG: The Natural World

Children at the expected level of development will:

- Explore the natural world around them, making observations and drawing pictures of animals and plants.
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Animals including humans/Naming & grouping animals – What are the names of animals and what groups are they?	Seasonal Changes What is the difference between autumn and winter?	Human Body parts What are the basic parts of our bodies called?	Plants – What different plants are in our local area and what are their parts?	Seasonal changes: Spring & Summer What is the difference between spring and summer?	Everyday materials – What are the everyday materials that we use?
Year 2	Materials – How are the materials that we use different and where do they come from?	Plants – What do plants need as they grow and how are their seeds different?	New Life/Animals including humans – What do animals need to survive?	Food Chains – What plants and animals make up a food chain?	Living things and their habitats – What are the difference in habitats and who lives there	Healthy Me – What do I need to eat and do to be healthy?
Year 3	Rocks – How are rocks, soils and fossils classified and formed?	Introduction to the human skeleton – How do our bodies support & protect us and help us to move?	Forces and Magnets - What materials are magnetic and are all magnets the same?	Animals Including humans/Healthy Eating – What nutrition do animals need and how do	Plants – What do plants need to grow and what is the life cycle of a flower?	Light – How does help form shadows and also help us see?
Year 4	Animals including humans – How does our digestive system work and what are the functions of our teeth?	States of Matter – What happens to materials when heated and cooled and how are they grouped?	Electricity – What makes a good conductor or insulator and how do circuits work?	Sound - What causes sound?	Living things and their habitats - How can we use classification to group animals and plants and what threats are there to different environments?	Food chains – What are producers, predators and prey?
Year 5	Properties and changes of materials – What ways can we group materials and which changes are reversible?	Forces – What forces help to keep us all moving?	Earth and Space – How do the planets orbit the solar system?	Living things and their habitats – How do some living plants reproduce?	Reproduction & life cycles: animals: How do some animals reproduce?	Animals including humans – What changes occur to humans as they get older?
Year 6	Animals including humans – the cardiovascular system – What are the main parts of the circulatory system and how does diet and lifestyle affect our bodies?	Electricity - What components are needed to make a circuit and how can these be used to alter the outcome?	Keeping Healthy – What ways can we keep our bodies healthy?	Living things and their habitats – classification – How are plants, animals and micro organisms classified?	Evolution and inheritance – What may cause offspring to change over time?	Light – How does light travel and how do we see objects?