



Hallem Church of England Primary School

Science Overview

Cycle A

	Autumn		Spring		Summer	
EY Y1 Y2	How do seasons change?		Why do animals choose to live where they do?		What are the names for the different parts of plants and which birds do we recognise?	What are our seen body parts and what do we mean by the 5 senses?
Y3 Y4	Physics What is electricity and why is it so important in our lives?	Physics What are the main types of rocks on our Earth?	Chemistry How do some solids, liquids and gases change state?		Biology Why do humans have skeletons and muscles?	Physics What is a force and how does it impact on the way things move?
Y5 Y6	Biology What do we know about the life cycles of humans and various animals?		Chemistry Properties and changes in materials/reversible and irreversible changes Which materials can or cannot be changed back to their original form?		Physics (Forces) What is a force and how does it impact the way things move?	Physics light How do our eyes help us see?

Cycle B

	Autumn		Spring		Summer	
EY Y1 Y2	What are the properties of different materials?		Why is it important to keep our bodies healthy?	How are animals classified?	What do plants and trees need to grow healthily?	
Y3 Y4	Physics Why do we have light and dark and what is its impact on our everyday life?	Physics How is sound created and how does it travel?	Biology What happens to the food we eat?		Biology What roles do different parts of plants play in helping them grow healthily?	Biology How are living things grouped?
Y5 Y6	Physics What do we know about the sun, earth, moon and the planets?	Biology How have living things changed over time?	Biology How does the heart work and why is it so important?		Physics How does electricity work and how does its power vary?	