



Hallem Church of England Primary School

Science Overview

Cycle A

	Autumn		Spring		Summer	
EY Y1 Y2	Seasonal change Knowing about seasonal changes Why are there so many leaves on the floor?		Animals Food chains and habitats Why would a dinosaur not make a good pet?		Plants Knowing the parts of plants and trees Which plants and birds would Evie find in her park?	
Y3 Y4	Physics (Electricity) What is electricity and why is it so important in our lives?	Physics (Rocks and Magnets) What are the main types of rocks on our earth?	Chemistry (States of matter and the Water Cycle) How do some solids, liquids and gases change state?		Biology (Animals, including humans/skeletons and muscles) Why do humans have skeletons and muscles?	
Y5 Y6	Biology (Animals and animal classification) Do all animals start life as an egg?	Biology (Animals including humans and their habitats/life cycles) How different will you be when you are as old as your grandparents?	Chemistry (Properties and changes in materials/reversible and irreversible changes) Could you be the next CSI investigator?		Physics (Forces) Does everything that goes up always come down?	Physics (Light) How can you light up your life?

Cycle B

	Autumn		Spring		Summer	
EY Y1 Y2	Everyday materials Naming different materials Using materials for different tasks What would Traction Man use to build your school?		Humans Exercising and keeping healthy How will 5-a-day keep me healthy?	Animals Classifying animals Life cycles and animals Why are humans not like tigers?	Plants How do plants grow? Keeping plants healthy How quickly do plants grow?	
Y3 Y4	Physics (Light and Dark) Why do we have light and dark and what is its impact on everyday life?	Physics (Sound) How is sound created and how does it travel?	Biology (Animals including humans/digestive system) What happens to the food we eat?		Biology (plants and Animals) How are living things grouped?	
Y5 Y6	Physics (Earth and Space) Is there anybody out there?	Biology (Evolution and Inheritance) Have we always looked like this?	Biology (Animals including humans/circulatory system) Why is your heart the most important pump you own?		Physics (Electricity) Could you be the next Nintendo apprentice?	