

The King's C of E Primary School SCIENCE OVERVIEW

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	The World Leafman – observing seasonal change, signs of autumn and making our own 'Leafman'	The World Ice experiment Hibernating animals Autumn to winter changes	The World Seasons – Winter Comparing environments by looking at different planets Learning about the solar system Mae Jemison	The World Spring changes Growing – beanstalks Planting Caterpillar to butterfly lifecycle Cooking – making cakes using different ingredients and observing change	The World Thinking about how the past was different – dinosaurs and through the ages How human activity influences the world around us What can people in the community do to help the environment?	The World Recycling Endangered animals and what we can do to help Seasonal change to Summer Animals – farm trip, sorting different types of animals, habitats, food chains
YEAR ONE	Animals, including humans Jane Goodall		Materials grouping materials according to their properties		Plants plant structure and identification of common plants	
Skills:	Seasonal Changes - Explore the world around them & raise their own simple questions					
Skills:	Research		Fair testing	Pattern Seeking	Identifying	Observe over time
YEAR TWO	Animals including humans – keeping healthy	Everyday materials Charles Macintosh	Animals including humans – basic needs and offspring	Plants - how plants grow and their basic needs	Living things and their habitats – exploring micro, local and world habitats	Living things and their habitats – animal research
Skills:	Fair testing	Research	Observe over time	Identifying	Pattern seeking	
YEAR THREE	Light – how light travels and exploring shadows	Rocks & Soils Mary Anning	Forces & Magnets recognising forces and magnetic effect	Plants-pollination, Germination and growth conditions	Animals including humans food and eating	Animals including humans Teeth
Skills:	Research	Identifying	Fair testing	Observe over time	Pattern seeking	
YEAR FOUR	Sound – how sounds are made and how we hear	States of Matter – solids, liquids and gases and the Water cycle	Electricity – safety, basic circuits and using symbols Michael Faraday	Animals including humans/ Skeletons and Muscles, simple digestion	Living things and Habitats Classification (Rainforests) Identifying and classifying animals	
Skills:	Pattern seeking	Observe over time	Fair testing	Research	Identifying	
YEAR FIVE	Forces – measuring forces and their effects	Earth and Space Galileo & Maggie Aderin-Pocock		Living things and their Habitats Life cycles and reproduction	Properties and changes of materials	Animals: human changes Healthy living
Skills:	Observe over time	Fair testing	Research	Pattern seeking	Identifying	

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YEAR SIX	Living things and their habitats - classification	Animals and humans Circulatory system Diet, exercise & drugs	Evolution and inheritance Charles Darwin	Light - how the eye works, light investigations and colour	Electricity – investigating voltage, components and using circuit diagrams	Using and applying our scientific skills
Skills:	Classifying	Identifying	Observe over time	Pattern seeking	Research	Fair testing