



Long term plan for Science 2019-2020



	Autumn Term 1	Spring Term 1	Summer Term 1
FS	Understanding the World Similarities and differences in relation to living things (humans) Sorting according to eye/hair colour etc. Seasons Autumn walk	Understanding the world Floating and sinking How human activity influences the environment and living things. Life cycle of a penguin. Kings Arms Garden walk using senses to observe	Understanding the World Growing plants on a desert island Where our food comes from Caring for pets and finding out about their life cycles e.g. parrots, cats, dogs and rats Minibeast hunt and animals at the farm Life cycle of owls. Create a How to Stay Healthy poster Visit to Herrings Green Farm
Year 1	Working scientifically Which material is best for a Superhero Cape? Everyday materials Animals including humans (humans focus)	Working scientifically Rainfall investigation Animals including humans (animals focus)	Working scientifically Observing closely and comparing and contrasting familiar plants Plants Seasonal changes
Year 2	Working scientifically Describe the conditions in different habitats Animals including humans Living things and their habitats	Working scientifically Which is the best material to insulate the ice cube? Everyday materials Animals including humans	Working scientifically Observing and recording the growth of a variety of plants as they change over time. Plants Living things and their habitats
Year 3	Working scientifically How is water transported in plants? Plants	Working scientifically Observe and group rocks based on their properties Rocks Animals including humans	Working scientifically How far can a magnet pull objects on different surfaces? Light Forces and magnets
Year 4	Working scientifically What happens to the brightness of bulbs if we add more cells? Investigating tomatoes over time. Electricity Living things and their habitats	Working scientifically Which will melt quicker the small or giant chocolate button? Can we find patterns in the sounds that are made by different objects? States of matter Sound	Working scientifically Comparing the teeth of carnivores and herbivores and suggesting reasons for differences. Animals including humans