

Core Knowledge Curriculum Map 2019-20 Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	The world – consolidating 30-50m objectives <ul style="list-style-type: none"> • Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world. • Can talk about some of the things they have observed such as plants, animals, natural and found objects. • Talks about why things happen and how things work. • Developing an understanding of growth, decay and changes over time. • Shows care and concern for living things and the environment. 		The world – developing 40-60m objectives <ul style="list-style-type: none"> • Children know about similarities and differences in relation to places, objects, materials and living things. • They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.		The world – workingtowards exceeding objectives <ul style="list-style-type: none"> • Children know that the environment and living things are influenced by human activity. • They can describe some actions which people in their own community do that help to maintain the area they live in. • They know the properties of some materials and can suggest some of the purposes they are used for. They are familiar with basic scientific concepts such as floating, sinking, experimentation 	
Year 1	Seasonal change	Seasonal change	Plants and growth	Animals including humans	Animals including humans	Everyday materials
Year 2	Living things and their Habitats	Everyday materials	Animals including Humans	Plants	Stand alone Unit - Environment	Stand alone Unit - Thinking scientifically investigations linked to all aspects taught over the year.
Year 3	Animals Including Humans	Forces and magnets	Light	Rocks	---	Plants
Year 4	States of Matter	Electricity	Sound	---	Animals including Humans	Living things and their Habitat
Year 5	Earth and Space	---	Animals including Humans	Properties and Changing of Materials	Living things and their Habitat	Forces
Year 6	Animals including Humans	Electricity	Evolution and inheritance	Light	Living things and their Habitats	---