

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Big Question	How do things change over time?	What can we learn about the world around us?	How has diversity improved life?	What makes a good place to live?	Where does the power come from?	Is everything what it first appears to be?
EYFS						
Year 1	Using Our Senses (NC Strand - Animals including Humans) Parts of human body associated with which sense 	Sensing Seasons (NC Strand - Seasonal Changes) Changes across the four seasons, weather and day length 	Everyday Materials (NC Strand - Materials) Materials and their properties 	Looking at Animals and Animal Antics (NC Strand - Animals including Humans) Fish, amphibians, birds, reptiles, mammals 	Looking at Animals and Animal Antics (NC Strand - Animals including Humans) Carnivores, herbivores, omnivores 	Plant Detectives (NC Strand - Plants) Identifying, growth and basic plant structure
Year 2	The Apprentice Gardener (NC Strand - Plants) Conditions for growth 	Growing Up (NC Strand - Animals including Humans) Offspring which grow into adults 	Materials: Good Choices (NC Strand - Materials) Suitability for different uses 	What is in your Habitat? Our Changing World (NC Strand – Living thing and their Habitats) Habitats and simple food chains 	Take Care (NC Strand - Animals including Humans) Basic needs for survival Exercise, food, hygiene 	Materials: Shaping Up (NC Strand - Materials) Changing the shape of some solid objects
Year 3	Rock Detectives (NC Strand - Rocks) 	Our Changing World (NC Strand - Plants) Parts of the plants and functions, requirements for growth 	How does your Garden Grow? (NC Strand - Plants) Life cycle, pollination, seed dispersal 	Amazing Bodies (NC Strand - Animals including Humans) 	The Power of Forces (NC Strand - Forces) 	Can You See Me? (NC Strand - Light)
Year 4	In a State (NC Strand - Materials) 	Where does all that food go? (NC Strand - Animals including Humans) 	Good Vibrations (NC Strand - Sound) 	Who am I? Our Changing Worlds (NC Strand – Living thing and their Habitats) Classification 	Switched On (NC Strand - Electricity) 	Human Impact (NC Strand – Living thing and their Habitats) Environmental changes and dangers to living things.

Whole School LTP

Year 5	Circle of Life (NC Strand - Animals including Humans) Life cycles and development into old age 	Earth and Beyond (NC Strand - Earth and Space) 	Reproduction in Plants and Animals (NC Strand - Living thing and their Habitats) 	Feel the Force (NC Strand - Forces) Forces and mechanisms 	Get Sorted and Everyday Materials (NC Strand - Materials) Properties of materials 	Marvellous Mixtures and All Change (NC Strand - Materials) Changes of materials
Year 6	Everything Changes (NC Strand - Evolution and Inheritance) 	Body Pump (NC Strand - Animals including Humans) Circulatory system 	The Nature Library (NC Strand - Living thing and their Habitats) Classification 	Body Health (NC Strand - Animals including Humans) Nutrition, exercise, drugs 	Danger: Low Voltage! (NC Strand - Electricity) 	Light Up Your World (NC Strand - Light)

Biology **Chemistry** **Physics**

Key Concept	Structure	Function	Variation	Adaptation	Cause and effect	Change	Evolution	Growth	Energy	Process	Similarity and difference	Working Scientifically
Symbol												