

	Biology Animals including humans	Biology Plants	Biology Living things and their habitats	Chemistry Materials	Physics Forces and magnets	Physics Light	Physics Electricity	Other
EYFS	Animals: ducklings, Arctic and Antarctic animals; Changes as they grow; What they need	Fruit and vegetables; Caring for plants	Life cycle of butterfly, duckling and frog	Observing reactions (oil in water); Comparing materials: shiny and dull; Texture of materials; Changes in state: water and ice		Light: Observing effects of shining light through things		Weather in Arctic and Antarctic
Y1	Common animals: birds, fish, amphibians, reptiles, mammals; Carnivore, herbivores and omnivores; Structure of animals; Parts of the human body; Senses <i>Ourselves; Our Pets</i>	Common plants; Structure: roots, stem, trunk, leaves, flower <i>What's Growing In Our Gardens?</i>		<b>Everyday materials:</b> physical properties of everyday materials; Compare and group <i>Let's Build; Marvellous Materials</i>				<b>Seasonal Change</b> Four seasons; Changes; Associated weather; Length of day <i>Wonderful Weather</i>
Y2	Offspring; Basic needs of animals; Exercise and healthy diet <i>Healthy Animals</i>	Seeds and bulbs; Plant needs: water, light, suitable temperature <i>Ready, Steady, Grow</i>	Living and not living; Habitats and micro-habitats; Plants and animals; Food chains <i>Habitats</i>	<b>Use of materials:</b> Suitability of everyday materials; How materials can be changed <i>Materials Matter; Squash Bend, Twist, Stretch</i>				
Y3	Nutrition; Skeletons <i>Keeping Healthy</i>	Functions of parts of a plant; Requirements for life and growth; Water transportation; Flowers' role in life cycle <i>Roots and Shoots; Artful Flowers, Fruit and Seeds</i>		<b>Rocks:</b> Compare and group; Physical properties; Fossils; Soil <i>Rocks and Fossils</i>	Magnets; Force on objects; Attract and repel; Magnetic materials; Two poles <i>Amazing Magnets</i>	Light and dark; Reflection; Shadows and change <i>Light and Shadows</i>		
Y4	Digestive system; Teeth; Food chains <i>Are Those Your Teeth?</i>		Grouping living things; Classification keys; Changing environments and impact <i>Name That Living Thing!; Help Our Habitats</i>	<b>States of matter:</b> Solids, liquids, gases; Change of state: Heating and cooling; Evaporation and condensation; Link to Water Cycle <i>States of Matter Scientists</i>			Series: cells, wires, bulbs, switches, buzzers; Common conductors and insulators; Appliances <i>It's Electric</i>	<b>P- Sound</b> Vibration; Ear; Pitch; Volume; Distance; Sound waves <i>Listen Up!</i>
Y5	Changes in humans from birth to old age <i>Life Explorers</i>		Life cycle of: mammal, amphibian, insect, bird; Reproduction in some plants and animals <i>The Art of Living</i>	<b>Properties and changes of materials:</b> Group based on properties; Dissolving; Separating mixtures; Reversible and irreversible changes; Formation of new materials <i>Music Festival Materials; Changing Materials</i>	Gravity; Air resistance; Mechanisms to create greater force <i>May The Forces Be With You</i>			<b>P- Earth and Space</b> Earth, plants, Moon, Sun movement; Spherical bodies; Earth's rotation; Day and Night <i>Space Presenters</i>
Y6	Circulatory system; Healthy lifestyle and choices; Nutrients and water transportation <i>The Art of Being Human</i>		Broad groups; Classifying based on specific characteristics <i>Classification Connoisseurs</i>			Travelling in straight lines; How we see; Shadows <i>Crime Lab Investigation</i>	Voltage of cells and impact; Symbols in circuit diagrams <i>Electric Celebrations</i>	<b>B- Evolution and Inheritance</b> Change; Offspring; Adaptation <i>The Game of Survival</i>

Threads throughout learning: Working scientifically

	Term 1 We are mathematicians	Term 2 We are historians	Term 3 We are geographers	Term 4 We are readers and writers	Term 5 We are scientists and engineers	Term 6 We are creative
Driver	Love of learning	History	Geography	Reading	Science	The Arts
EYFS Big Experiences	Make a new friend	Tasting marshmallows	Changing snow	Treasure hunt	Look after an animal	Cook your own lunch
Y1	Animals including humans-Ourselves	Everyday materials-Let's build	Everyday materials-Marvellous materials	Animals including Humans-Our Pets	Plants-What's growing in our gardens	Revisit and consolidate
	Seasonal changes-Wonderful Weather					
Y2	Plants-Ready steady grow!	Everyday materials-Materials Matter	Animals including Humans-Healthy Animals	Everyday materials-Squash bend twist stretch	Living things and their habitats-Habitats	Plants-Gardens and allotments
Y3	Plants-Artful flowers, fruits and seeds	Animals including humans-Keeping Healthy	Rocks-Rocks and Fossils	Light-Light and Shadow	Plants-Roots and Shoots	Forces and Magnets-Amazing magnets
Y4	States of Matter-States of matter scientists	Electricity – It's electric	Living things and their habitats – Help our habitats!	Sound – Listen up!	Animals including humans- Are those your teeth?	Living things and their habitats-Help our Habitats
Y5	Properties of materials-Music festival materials	Forces-May the Forces be with you	Changes of materials-Changing materials	Animals including humans-Life Explorers	Living things and their habitats-The Art of Living	Earth and Space-Space presenters (Twinkl)
Y6	Living things and their habitats-Classification Connoisseurs	Electricity-Electric celebration	Light-Crime lab Investigations (Twinkl)	Animals including Humans-The Art of being Human	Evolution and Inheritance-The game of survival	Second look science-Science of sport