

Year Group	Unit	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two		
Year One	National Curriculum	Working Scientifically and Investigations Seasonal changes	Everyday Materials Seasonal changes	including	Animals, including humans Seasonal changes		Plants Seasonal changes		
Year Two	Switched on Science	Materials Monster	Squash, Bend, Twist and Stretch	Healthy Me	Young Gardeners	Little MasterChef	Our Local Environment		
	National Curriculum	Uses of everyday materials	Working Scientifically	Animals Including Humans	Plants	Animals including humans	Living Things and their Habitats		
Year Three	Switched on Science	Light and shadows	Rocks, Soils and Fossils	Science in action – Nappy investigation	Forces and Magnets	How does your garden grow?	Food and our bodies		
	National Curriculum	Light	Use of everyday materials	Working Scientifically	Forces and Magnets	Plants	Animals Including Humans		
Year Four	Switched on Science	Teeth and Eating	Looking at states	The Big Build	What's that sound?	Power it up	Living things and their habitats		
	National Curriculum	Humans and other animals	States of matter	Working Scientifically	Sound	Electricity	Living things and their habitats		
Year Five	Switched on Science	Out of this World	Amazing Reactions	Material World	Let's Get Moving	Circle of Life	Growing Up and Growing Old		
	National Curriculum	Earth and Space	Properties and changes of materials	Properties and changes in materials	Forces	Living things and their habitats	Animals including humans		
Year Six	Switched on Science	Healthy Bodies	Classifying Living Things	Electricity	Light	Evolution and inheritance	The Titanic		
	National Curriculum	Animals including humans	Living things and their habitats	Electricity	Light	Evolution and inheritance	Working Scientifically		



Year Group	Unit	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
Nursery – Little Berries	EYFS Curriculum	All About Me	Pets	We're all going to the Zoo		The Great Outdoors	Sing a Rainbow
	National Curriculum	Animals including Humans	Living things and their habitats	Living things and their habitats		Plants Seasonal Changes	Seasonal Changes
Nursery – Little Acorns	EYFS Curriculum	Marvellous Me			Dinosaur Roar	Down at the Bottom of the Garden	Down on the Farm
	National Curriculum	Animals including Humans			Animals including Humans	Plants	Animals including Humans Living things and their habitats
Reception	EYFS Curriculum	Knowing me, Knowing you				Explorers: Under the Sea then Space	In the Jungle
	National Curriculum	Animals including Humans (Parts of the body)				Animals including Humans Living things and their habitats	Animals including Humans Living things and their habitats

EYFS also reference seasonal changes throughout the academic year – see below for Vocabulary Progression.



Working scientifically

Early Years	Key Stage One	Lower Key Stage Two	Upper Key Stage Two
Investigate	Question	Questions	Plan
Investigate			
Discuss	Answer	Enquiry	Enquiry
Question	Observe	Practical	Recognising
Describe	Equipment	Compare	Variables
Similar	Identify	Fair test	Measurements
Different	Classify	Observe	Equipment
	Sort	Systematic	Data
	Group	Measurements	Diagrams
	Diagram	Gathering	Classification
	Data	Recording	Results
	Compare	Classifying	Predictions
	Contrast	Presenting	Comparative
	Describe	Data	Fair test
	Test	Record	Reporting
	Observe	Results	Presenting
	Predict	Conclusions	Findings
	Results	Predictions	Causal relationship
	Conclusion	Improvements	Explanation
		Identifying	Identify
		Differences	
		Similarities	



<u>Plants</u>

Nursery – Little Berries The Great Outdoors	Nursery – Little Acorns Down at the Bottom of the Garden	Reception Revision of knowledge from EYFS	<u>Year One</u> Plants	<u>Year Two</u> Young Gardeners	Year Three How does your garden grow?	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
Flower	Shoot		Stem	Bulb	Carpel			
Plant	Greenhouse		Leaf	Corn	Flower			
Leaf	Water		Flower	Germinate	Germinate			
Tree	Life cycle		Roots	Properties	Leaves			
Rain	Flower		Water	Root	Life cycle			
Seasons	Seed		Soil	Stem	Nutrients			
	Plant		Petal	Tuber	Ovary			
	Root		Deciduous	Annual	Petal			
	Sun		Evergreen	Compost	Photosynthesis			
	Spring			Flower	Pollen			
	Bulb			Fruit	Root			
	Grow			Health	Seed dispersal			
	Flower			Seeds	Sepals			
					Stem			
					Stamen			
					Style			
					Stigma			
					Veins			



Animals, including humans

<u>Nursery –</u> <u>Little Berries</u> Pet Corner/All About Me	Nursery – Little Acorns Dinosaur Roar/Down on the	Reception Knowing me, knowing you/In the Jungle/Under	Year One Animals, including humans	<u>Year Two</u> Healthy Me Little MasterChef's	<u>Year Three</u> Food and our bodies	<u>Year Four</u> Teeth and Eating	Year Five Growing Up and Growing Old	<u>Year 6</u> Healthy Bodies
	farm/Marvellou s Me	the Sea						
Pet	Taste	Healthy	Amphibians	Exercise	Balanced diet	Anus	Adolescence	Addiction
Cat	Touch	Muscle	Reptiles	Healthy	Biceps	Canine	Adolescent	Aorta
Dog	Smell	Hydrate	Mammals	Hygiene	Carbohydrate	Carnivores	Arthritis	Artery
Rabbit	Sight	Exercise	Carnivores	Germ	Contract	Decay	Gestation period	Circulatory system
Body	Listening	Pulse	Herbivores	Air	Relax	Digestion	Life expectancy	Carbon dioxide
Bird	Body parts	Herbivore	Omnivores	Balanced Diet	Exoskeleton	Enamel	Puberty	Capillaries
Reptile	Grow	Carnivore	Fish	Bread	Fats	Energy	Teenager	Blood
Fish	Herbivore	Omnivore	The 5 senses	Diet	Femur	Herbivore	Menstruation	Atrium
	Carnivore	Parts of the human body	Parts of the human body	Food	Humerus	Incisor	Pregnant	De-oxygenated
	Stegosaurus		Ţ.	Fruit	Joint	Intestine		Exercise
	Triceratops			Ingredients	Muscles	Molar		Heart
	Tyrannosaurus rex			Vegetables	Nutrients	Mouth		Lungs
	Velociraptor			Water	Protein	Nutrients		Nicotine
	Omnivore			Fats	Skeleton	Oesophagus		Oxygen
	Meat			Carbohydrates	Triceps	Omnivore		Pulse
	Insect			Protein	Vertebrate	Stomach		Respiration
	Lifecycle			Dairy	Endoskeleton	Predator		Vein
	Mammal			Sugar	Organs	Producer		Ventricles
	Bird			Pulse	Tendons	Prey		
	Animal					Saliva		



Everyday Materials

Nursery – Little	Nursery – Little	<u>Reception</u>	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
<u>Berries</u>	<u>Acorns</u>		Everyday	Material	Rocks, soils and	Looking at	Amazing	
Let's make a			Materials	Monster	fossils	States	Reaction	
Splash								
							Material World	
Frozen			Materials	Material	Mineral	Boiling point	Dissolve	
Puddle			Properties	Properties	Rock	Boiling	Elastic	
Water			Metal	Absorbent	Permeable	Condensing	Evaporate	
			Wood	Flexible	Impermeable	Evaporation	Filter	
			Glass	Opaque	Crystals	Freezing	Flexible	
			Plastic	Rigid	Magma	Freezing Point	Hard	
			Rough	Manmade	Sediment/ment	Gas	Insoluble	
					ary			
			Shiny	Natural	Humus	Liquid	Mixture	
			smooth	Brittle	Fossil	Matter	Plastic	
			Man-made	Fabrics	Extinct	Material	Rigid	
			Natural	Properties	Palaeontology	Melting	Soluble	
			Bendy	Recyclable	Granite	Solid	Solute	
			Stiff	Transparent	Igneous	Temperature	Solution/	
							Substance	
			Rock	Rough	Metamorphic	Thermometer	Solvent	
			Fabrics	Smooth	Soil	Water Cycle	Tought	
					Absorb	Water vapour	Thermal	
							Conductor	
					Palaeontology	Melting point	Thermal	
							insulator	
					Porous	Particles	Electrical	
							conductor	
					Volcano	Precipitation	Thermal	
							Hydrogen	
							Peroxide	



		Bicarbonate of
		Soda
		Acid
		Chemical Reaction
		Carbon Dioxide



<u>Living things and their habitats</u>

<u>Nursery - Little</u>	Nursery- Little	Reception	<u>Year One</u>	<u>Year Two</u>	Year Three	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
<u>Berries</u>	<u>Acorns</u>	In the		Our Local		Living things	Circle of life	Classifying living
The Great	Down on the	Jungle/Under		Environment		and their		things
Outdoors/We	farm	the Sea				habitats		
are all going to								
the zoo								
Lion	Farm	Jungle		Alive		Amphibian	Asexual reproduction	Amphibian
Tiger	Bird	Tree frog		Dead		Bird	Bulb	Bacteria
Elephant	Hatch	Canopy		Food chain		Centipede	External	Bird
'						i '	fertilisation	
Monkey	Fur	Ecosystem		Habitat		Fish	Fertilisation	Fauna
Zoo	Feather	Toucan		Micro-habitat		Flowering plant	Gestation	Fermentation
Bird	Sheep / lamb	Leafcutter ant		Predator		Habitat	Internal	Flora
	'						fertilisation	
Reptile	Goat/kid	Oxygen		Prey		Insect	Larva	Fungi
Fish	Pig / piglet	Sea		Never been		Invertebrate	Metamorphosis	Genus
	3 1 3			alive			'	
	Cocoon	Ocean		Carnivore,		Кеу	Pollination	Insect
				omnivore,				
				herbivore				
	Insect	Coastline		Consumer		Mammal	Sexual	Invertebrate
							reproduction	
	Worm	Beach		Producer		Organism	Sperm	Mammal
	Bee	Pollution		Reproduce		Reptile	Embryo	Microbe
	Woodlouse	Wave		Respire		Vertebrate	•	Mushroom
	Ant	Tide		Excrete				Organisms
	Butterfly	Sunlight/twiligh		Nutrition				Reptile
	J	t/midnight						'
		zone						
	Caterpillar	Habitat						Species
	·	Carnivore,						Toadstool
		omnivore,						
		herbivore						
								Vertebrate

Fish



<u>Light</u>

Nursery –	Nursery – Little	Reception	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
<u>Little Berries</u>	<u>Acorns</u>							
					Light and			Light
					Shadow			
					Dull			Cornea
					Light Source			Iris
					Mirror			Lens
					Opaque			Light ray
					Reflect			Pupil
					Shadow			Rainbow
					Shiny			Reflection
					Transparent			Symmetry
					Translucent			Ţ,
					Convex			
					Concave			
					Emit			



<u>Forces</u>

Nursery – Little Berries	<u>Nursery –</u> <u>Little Acorns</u>	<u>Reception</u>	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u> Forces and Magnets	<u>Year Four</u>	<u>Year Five</u> Let's get moving	<u>Year 6</u>
					Attract		Air resistance	
					Compass		Force meter	
					Contact		Friction	
					Force		Gravity	
					Iron		Newton	
					Magnet		Non-contact	
							force	
					Magnetic		Reliable	
					Magnetic North		Water	
							resistance	
					Non-contact		Weight	
					Non-magnetic			
					Pole			
					Prediction			
					Repel			



<u>Sound</u>

Nursery – Little Berries	<u>Nursery –</u> <u>Little Acorns</u>	Reception	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	Year Four What's the sound?	<u>Year Five</u>	<u>Year 6</u>
						Pitch		
						Sound source		
						Vibration		
						Volume		
						Anvil		
						Stirrup		
						Hammer		
						Cochlea		
						Sound wave		
						Soundproofing		
						Ear drum		
						Frequency		
						Amplitude		
						decibel		



Electricity

Nursery – Little Berries	<u>Nursery –</u> <u>Little Acorns</u>	Reception	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u> Power it up	<u>Year Five</u>	<u>Year 6</u> Electricity
								-
						Battery		Battery
						Bulb		Blow
						Cell		Cell
						Circuit		Complete
						Components		Component
						Conductor		Electrons
						Insulator		Filament
						Mains		Fuse
						Rechargeable		
						Switch		
						Terminals		
						Wires		
						Current		
						Buzzer		
						Motor		
						Voltage		



Earth and Space

Nursery – Little	Nursery –	Reception -	Year One	<u>Year Two</u>	Year Three	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
<u>Berries</u>	Little Acorns	Explorers					Out of this	
							world	
		Space					Daytime	
		Moon					Geocentric	
		Sun					Heliocentric	
		Earth					Night-time	
		Astronaut					Orbit	
		Gravity					Planet	
		Day					Solar system	
		Night					Star	
		Star					Sun	
		Solar system					Time zone	
							Asteroid	
							Axis	
							Comet	



Evolution and inheritance

Nursery – Little Berries	<u>Nursery –</u> <u>Little Acorns</u>	Reception	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u> Evolution and inheritance
								Adaption
								Dinosaur
								Evolution
								Fossil
								Inherited
								Natural
								selection
								Prehistoric
								Variety



Seasonal Changes

Nursery –	<u>Nursery –</u>	<u>Reception</u>	<u>Year One</u>	<u>Year Two</u>	<u>Year Three</u>	<u>Year Four</u>	<u>Year Five</u>	<u>Year 6</u>
<u>Little Berries</u>	<u>Little Acorns</u>	Seasonal	Seasonal					
Sing a	Seasonal	Changes	Changes					
Rainbow	Changes							
Rain	Autumn	Autumn	Summer					
Weather	Weather	Spring	Winter					
Windy	Change	Summer	Autumn					
Sunny	Winter	Winter	Spring					
Weather	Ice	Fog	Day					
symbols								
Seasons	Frozen	Frost	Daytime					
Cloud	Cold		Weather					
	Spring		Wind					
	Summer		Rain					
			Snow					
			Hail					
			Sleet					
			Fog					
			Sun					
		-	Hot					
			Warm					
			Cold					