



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<b>Places to Live</b>	<b>Seasons and Maps</b>	<b>Floating and Sinking</b>	<b>Animals, Insects and Plants</b>	<b>Jobs and the Weather</b>	<b>All Around the World</b>
Reception	Know about similarities and differences in relation to places, <b>objects, materials and living things</b> .  Animals- camouflage Super Healthy Me Floating/Sinking	Make observations of <b>animals and plants</b> and explain why some things occur and talk about changes.  Changes – Cooking, Melting and Freezing Light and Dark –Torches- Electricity and Batteries Stars, the Moon and Other Planets	Make observations of <b>animals and plants</b> and explain why some things occur and talk about changes.  Materials-Magnets Plant Growth Animals including Humans Living Things and their Habitats	Make observations of <b>animals and plants</b> and explain why some things occur and talk about changes.  Weather Seasonal Change	Know about similarities and differences in relation to places, <b>objects, materials and living things</b> .  Floating and Sinking Living Things and their Habitats (Wild Things) Everyday Materials and their Uses	Know about similarities and differences in relation to places, <b>objects, materials and living things</b> .  Mixing Colour Changes Healthy Lifestyles
Year 1	<b>Animals including humans (Animals)</b> - animals and their diets. -grouping animals by characteristics -animal diets	<b>Weather and Seasonal Change</b> (*ongoing) -changes across the seasons - weather associated with the seasons and how day length varies	<b>Uses of Everyday Materials</b> -identify materials -describe the properties of materials	<b>Plants</b> -identify and name common plants -identify the structure of plants	<b>Animals including Humans (Humans)</b> -parts of the body -senses	Revisit: <b>Plants</b> Revisit: <b>Seasonal Change</b>
Year 2	<b>Living Things and their Habitats</b> - living, dead, and things that have never been alive - habitats -how animals obtain their food -food chains	<b>Uses of Everyday Materials</b> -identify and compare the suitability of a variety of everyday materials for particular uses -find out how some materials can be changed by squashing, bending, twisting and stretching		<b>Plants</b> -observe and describe how seeds and bulbs grow -find out what how plants need to grow and stay healthy	<b>Animals including Humans</b> - animals, including humans, have offspring which grow into adults -find out about and describe the basic needs of animals -describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	
Year 3	<b>Investigating Rocks</b> -compare rocks by simple physical properties - how fossils are formed -how soils are made		<b>Forces and magnets</b> - how things move on different surfaces -how magnets attract or repel each other and attract some materials and not others	<b>Light</b> -light sources - light is reflected from surfaces - shadows are formed when the light from a light source is blocked by an opaque object	<b>Plants</b> - functions of different parts of flowering plants -what plants need for life and growth -how water/food is transported	<b>Animals including Humans</b> -identify that animals get nutrition from what they eat -identify that humans and some other animals have skeletons and muscles for support, protection and movement
Year 4	<b>Living things &amp; their Habitats: Habitats</b> -classification keys -effect of environment change	<b>Electricity</b> -identify appliances that run on electricity -construct a simple series electrical circuit - conductors and insulators	<b>Animals, including Humans:</b> -human digestion -teeth & their functions	<b>Animals, including Humans:</b> -food chains, producer, predator & prey	<b>States of Matter</b> - group solids, liquids or gases -changing state -the water cycle	<b>Sound</b> -how sounds are made -recognise that vibrations from sounds travel through a medium to the ear -loud, faint, pitch, volume
Year 5	<b>Materials and their Properties</b> -compare and group together everyday materials on the basis of their properties - how to recover a substance from a solution -how to separate mixtures, including through filtering, sieving and evaporating	<b>Earth and Space</b> - the movement of the Earth and other planets relative to the sun in the solar system -the movement of the moon relative to the Earth	<b>Forces</b> -the force of gravity acting between the Earth and a falling object -identify the effects of air resistance, water resistance and friction - levers, pulleys and gears	<b>Living Things and their Habitats</b> - the differences in the life cycles of a mammal, an amphibian, an insect and a bird	<b>Animals Including Humans</b> -the changes as humans develop to old age	Revisit <b>Living things and their Habitats</b> - the life process of reproduction in some plants and animals
Year 6	<b>Animals including humans</b> -The Circulatory System -parts of the human circulatory system - the functions of the heart, blood vessels and blood -diet, exercise, drugs and lifestyle - nutrients and water are transported	<b>Living things and their habitats – Classification</b> -living things are classified into broad groups according to common observable characteristics	<b>Light</b> -light travels in straight lines -how we see -the eye -shadows	<b>Evolution and inheritance</b> -fossils -offspring and variation -adaptation and evolution -Darwin		<b>Electricity</b> -circuits -investigate brightness of lamp or volume of a buzzer -the on/off position of switches -use symbols when representing a simple circuit in a diagram