Year Group	Autumn 1 (8 weeks)	Autumn 2 (7 weeks)	Spring 1 (6 weeks)	Spring 2 (6 weeks)	Summer 1 (5 weeks)	Summer 2 (7 weeks)
EYFS	Progression towards: The Natural World ELG • Children at the expected level of development will: • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.					
FS1	AutumnNocturnal animalsPlant spring bulbs	Body parts	Travel and vehiclesMachines	Farm animalsChicks and eggs	MinibeastsLifecycles- Butterflies	 Plants/ Vegetables
FS2	 Autumn Diurnal/ Nocturnal animals Night and day 	 Bedtimes- Sleep Rocket builders Space- Planets Signs of Winter 	WinterArcticanimals	SensesSpring	 Observations of the Natural world- UK and Africa. British animals African animals 	 Sea creatures What lives by the sea? Materials Recycling
Year 1	Everyday Materials Unit 1 (6 lessons) NC Link: Everyday Materials Objects can be made from a variety of materials. Different materials have different physical properties. Everyday materials include wood, plastic ,metal, water and rock. Group, compare and sort materials.		Unit 3 (1 NC Link: Animals inchumans/Living thing Animals gamphibians mammals Animals grownherbivor The human be different gownhearing, too	g Animals (O lessons) cluding gs and their habitats rouped into - fish, , reptiles, birds and by their structural features. uped into carnivores, es and omnivores. body is made of many parts; each with its on function. The five senses: sight, uch, taste and smell. uses different body parts.	Spring and Summer Unit 4 (6 lessons) NC Link: Seasonal changes The four seasons - autumn, winter, spring and summer. Different weather associated with different seasons. Day length varies in different seasons. How the changing seasons affect humans.	Plants Unit 5 (6 lessons) NC Link: Plants A plant is a living thing. The main parts of a plant are stem, leaves and roots. Parts of a tree. Plants can be grown by people and also in the wild (common garden and wild plants).

	Uses of materials Unit 1 (6 lessons) NC Link: Uses of everyday materials • Everyday materials include wood, metal, plastic, glass, brick, rock, paper and cardboard. • The material chosen to make an object/device is based on the suitability of its properties. • The shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	including humans	 Things can be living, dead or never alive. Plants and animals live in a variety of habitats, including microhabitats. Most living things live in habitats to which they are suited. The living things in the habitat depend on each other for survival. Animals obtain their food from 	NC Link: Animals, including humans/Living things and their habitats. • Humans and their activities pose a danger to wildlife,	Plants and growth Unit 5 (6 lessons) NC Link: Plants Seeds and bulbs grow into mature plants. Plants need water, light and a suitable temperature to grow and stay healthy. Germination. Life cycle of a plant.
		diet), and have good hygiene (germs).			
Year 3	Skeletons muscles and nutrition Unit 1 (6 lessons)	Rocks and fossils Unit 2 (6 lessons)	Lights and shadows Unit 3 (10 lessons) NC Link: Light Light is needed to see things. Darkness is the absence of light.	Plants - Needs for survival Unit 4 (6 lessons) NC Link: Plants	Forces and Magnets Unit 5 (6 lessons) NC Link: Forces and magnets

Light is reflected from surfaces. their Flowering plants • Objects experience NC Link: Animals. Light from the sun is dangerous, have roots, a different amounts appearance and including humans eyes should be protected from of friction on stem/trunk, leaves simple physical Animals. sunlight (Ultraviolet - UV). different surfaces. and flowers. properties. including Shadows are formed when the Plants require air. Some forces need humans, need Fossils are light from a light source is light, water, contact between the right types formed when blocked by an opaque object. nutrients from the two objects, but and amount of things that There are patterns in the way soil and room to magnetic forces can nutrition. have lived are that the size of shadows change. act at a distance. grow. Animals cannot trapped within Water is Some materials are make their own rock. transported within magnetic, meaning food; they get plants in vessels. they are attracted Soils are made nutrition from Flowers play an to a magnet. from rocks and what they eat. important role in Magnets have two organic Humans and the life cycle of poles. some other matter. flowering plants, Magnets can attract animals have or repel each other. including skeletons and pollination, seed depending which muscles for formation and seed poles are facing support, dispersal. each other. protection and movement. States of matter Year 4 Teeth and Digestion Living things and environments Electricity Sound Unit 1 (6 lessons) Unit 2 (6 lessons) Unit 3 (10 lessons) Unit 4 (6 lessons) Unit 5 (6 lessons) NC Link: Animals, NC Link: States of NC Link: Living things and their habitats NC Link: Sound NC Link: Electricity including humans matter Sounds are made Living things can be grouped in a The human Materials can The brightness of a digestive system be grouped variety of ways. when something lamp or the volume Classification keys can be used according to contains a number vibrates. of a buzzer is of organs whether they to help group, identify and name Vibrations from associated with the living things. including the are solids. sounds travel number and voltage Food chains and food webs. mouth, stomach, liquids, or through a medium of cells used in the Invertebrates and vertebrates. oesophagus, and to the ear. gases. Materials can The pitch of a circuit. intestines.

change state

sound is affected

Switches can be

	The main types of human teeth are incisors, canines, molars, and premolars. Each type of tooth looks different and has a different function.	when they are heated or cooled—this happens at different temperatures for different materials. • Evaporation and condensation are key processes in the water cycle. • Rate of evaporation is affected by temperature.	Environments can change and this can sometimes pose dangers to living things (climate change).	by how quickly an object vibrates. The volume of a sound is determined by the strength of the vibrations that produced it. Sounds get fainter as the distance from the sound source increases.	representing a simple circuit in a
Year 5	Earth and Space	Γ	Materials	Life Cycles	Growing older
	<u>carin and Space</u>	<u>Forces</u>		2., 5 5 7 5.55	Growing older
	Unit 1 (6 lessons)	Unit 2 (6 lessons)	Unit 3 (10 lessons)	Unit 4 (6 lessons)	Unit 5 (6 lessons)
		<u>Unit 2 (6 lessons)</u> NC Link: Forces	Unit 3 (10 lessons) NC Link: Properties and changes of	Unit 4 (6 lessons) NC Link: Living things and	Unit 5 (6 lessons)
	Unit 1 (6 lessons)	<u>Unit 2 (6 lessons)</u> NC Link: Forces	Unit 3 (10 lessons)	Unit 4 (6 lessons)	Unit 5 (6 lessons)

	The rotation of Earth results in day and night, and the apparent movement of the Sun across the sky.	resistance, and friction act between moving surfaces. Some mechanisms including levers, pulleys, and gears allow a smaller force to have a greater effect.	 liquid to form a solution. Mixtures can be separated using filtering, sieving, and evaporating. Dissolving, mixing, and changes of state are reversible changes. Changes that result in the formation of new materials are not usually reversible, including 	of reproduction.	
Year 6		Classification	Evolution and inheritance	<u>Electricity</u>	Circulatory system and
	<u>Unit 1 (6 lessons)</u>	Unit 2 (6 lessons)	<u>Unit 3 (10 lessons)</u>	<u>Unit 4 (6 lessons)</u>	<u>lifestyle</u>
	NC Link: Light	NC Link: Living things	NC Link: Evolution and inheritance	NC Link: Electricity	<u>Unit 5 (6 lessons)</u>
	 Light travels in straight lines. Objects are seen because they give out or reflect light into the eye. We see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. As light travels in straight lines shadows have the 	 Living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganism s, plants, and 	 Living things have changed over time. Fossils provide information about living things that inhabited Earth millions of years ago. Living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Animals and plants are adapted to suit their environment in 		NC Link: Animals, including humans The main parts of the human circulatory system include the heart, blood vessels, and blood. Nutrients and water are transported within animals, including humans, in the blood. Diet, exercise, drugs, and lifestyle can all affect the

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same shape as the objects that cast	animals.		way our bodies function.
them.			