Dream Believe Ashieve

"Our DREAM is for greatness in our learning. To BELIEVE, in our unique talents and gifts and ACHIEVE a better world, living life to the full."

	EYFS	Year	Year	Year 3	Year 4	Year 5	Year 6
	EYFS Know names of different fruits and vegetable. Know parts of the body and the senses.	Year 1 Identify and name a vocanimals including fish, a birds, and mammals. Identify and name a vocanimals that are carnivomnivores.	2 uriety of common umphibians, reptiles, uriety of common	Animals including humans Identify that animals, right types and amouthey cannot make the nutrition from what the second s	including humans, need the ant of nutrition, and that eir own food; they get hey eat. and some other animals nuscles for support,	Describe the changes age. Identify and name the human circulatory sy functions of the hear blood.	s as humans develop to old ne main parts of the stem, and describe the
Biology	Know how to keep healthy — daily exercise, healthy diet, brushing teeth, enough sleep. Know what happens within each season and how the weather changes.	Describe and compare to variety of common animals, birds, and mare Identify, name, draw a parts of the human bodd of the body is associated. Notice that animals, incoffspring which grow in Describe and compared variety of common animals, birds and mame Describe the importance exercise, eating the right different types of food, Understand that animals have offspring which grow in the compared to the importance of the importance exercise, eating the right different types of food, understand that animals have offspring which grow in the compared to the importance exercise, eating the right different types of food, understand that animals have offspring which grow in the compared to the compared t	mals (fish, amphibians, nmals, including pets). Ind label the basic by and say which part ed with each sense. Is cluding humans, have better adults. Ithe structure of a mals (fish, amphibians, imals, including pets) Ite for humans of a mand hygiene. Its, including humans,	Describe the simplefu of the digestive syste Identify the different and their simple func	inctions of the basic parts m in humans. types of teeth in humans tions. ret avariety of food chains,		vay their bodies function. which nutrients and



	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
	Living Things and their Habitats							
Biology	Understand that animals live in different habitats. Know about similarities and differences in relation to places, objects, materials and living things.	Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Identify and name a variety of plants and animals in their habitats, including microhabitats. Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify		Recognise that living t grouped in a variety of Explore and use classif help group, identify an of living things in their environment. Recognise that environ change and that this of pose dangers to living	f ways. fication keys to dname a variety local and wider mentscan ansometimes	Describe the differences in the an amphibian, an insect, and of Describe the life process of reand animals. Describe how living things are according to common observed based on similarities and difference and animals, and a Give reasons for classifying plaspecific characteristics.	production in some plants eclassified into broad groups able characteristics and erences, including animals.	
	EYFS	name different sources Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
	Plants					Evolution an	d inheritance	







Know parts of a plant (leaf, flower. stalk, root) and what is needed for a plantto grow (sun, water, soil).

Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Identify and describe the basic structure of a variety of common flowering plants, including trees.

Observe and describe how seeds and bulbs grow into mature plants.

Find out and describe how plants need water, light, and a suitable temperature to grow and stay healthy.

Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.

Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant.

Investigate the way in which water is transported within plants.

Explore the part that flowers play in the lifecycle of flowering plants, including pollination, seed formation and seed dispersal.

Recognise that living things have changed overtime and that fossils provide information about living things that inhabited the Earth millions of years ago

Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

How does a bean change as it germinates?



	EYF	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	S	Everyday Materials	Uses of Everyday Materials	Teal 5	real 4	Properties and Changes of Materials	Teal o
Chemistr	Know about similarities and differences in relation to places, objects, materials and living things.	Identify and name a materials, including a metal, water, and room. Describe the simple provariety of everyday and compare and group everyday materials by physical properties, identify and compare variety of everyday and cardboard. Find out how the short	variety of everyday wood, plastic, glass, ik. Physical properties of a materials. together a variety of ased on their simple ethesuitability of a materials, including glass, brick, rock, d forparticular uses. Ipes of solid objects terials can be changed ag, twisting, and	States of Identify and compare the suital everyday materials, including the brick, rock, paper and cardbood - Describe how the shapes of some materials can be changed twisting and stretching (Y4). Distinguish between an object which it is made - Identify and name a variety including wood, plastic, glass, - Describe the simple physical everyday materials - Compare and group togethe everyday materials on the bas simple physical properties. Rocks Compare and group together of based on their appearance and properties. Describe in simple terms how for that have lived aretrapped with Recognise that soils are made from matter.	ability of a variety of wood, metal, plastic, glass, and for particular uses olid objects made from d by squashing, bending, and the material from of everyday materials, metal, water, and rock properties of a variety of a variety of sis of their different kinds of rocks d simple physical essils areformed when things thin rock.	Compare and group together materials based on their protein their hardness, solubility, traconductivity (electrical and response to magnets. Know that some materials we to form a solution and descrea substance from a solution. Use knowledge of solids, liquidecide how mixtures might including through filtering, sevaporating. Give reasons, based on evida comparative and fair tests, fuses of everyday materials, is wood and plastic. Demonstrate that dissolving changes of state are reversible thanges of state are reversible changes associated with burn of acid on bicarbonate of social	perties, including ansparency, thermal), and will dissolve in liquid to be how to recover a sieving, and serving, and sence from for the particular including metals, and that this kind of ole, including ing and the action



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	EYF	Year 1	Year 2	Year	Year 4	Year	Year 6
	S			3		5	
				For Compare how things move of Notice that some forces need but magnetic forces can act of Observe how magnets attract attract some materials and notice and group together based on whether they are a didentify some magnetic materials.	n different surfaces. d contact between 2 objects, at a distance. ct or repel each other and ot others. er a variety of everyday materials ettracted to a magnet and rials.	Explain that unsupported object because of the force of gravity the falling object. Identify the effects of air resistor friction, that act between moving Recognise that some mechanism and gears allow a smaller force	ts fall towards the Earth acting between the Earth and ince, water resistance and ag surfaces.
Physics				Electricity Predict whether 2 magnets will attract or repel each other, depending on which poles are facing. Identify common appliances that run on electricity. Construct a simple series electrical circuit, identifying naming its basic parts, including cells, wires, bulbs, and buzzers. Identify whether a lamp will light in a simple series based on whether the lamp is part of a complete lobattery. Recognise that a switch opens and closes a circuit at associate this with whether a lamp lights in a simple circuit. Recognise some common conductors and insulators		Electric Associate the brightness of a low with the number and voltage of Compare and give reasons for function, including the brightne buzzers and the on/off position. Use recognised symbols when rin a diagram.	imp or the volume of a buzzer of cells used in the circuit. variations in how components of switches.



Light	ıt	Seasonal Changes	Light	Light
		Sousonal Granges	_tg.tt	
ideas conn	erstand .s nected to tand dark	Why does it get dark earlier in winter?/ How do the seasons impact on what we do?	Recognise that they need light to see things and that dark is the absence of light. Notice that light is reflected from surfaces.	Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into
– e.g reflec		Observe changes across the four seasons •	Recognise that light from the suncan be dangerous and that there are ways to protect their eyes.	the eye. Explain that we see things because light travels from light
anim	nals etc.	Observe and describe weather associated with the seasons and how day	Recognise that shadows are formed when the light from a light source is blocked by a solid object.	sources to our eyes or from light sources to objects and then to our eyes.
		length varies	Find patterns in the way that the size of shadows changes	Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.
			Sound Identify how sounds are made, associating some of them	Earth and Space Describe the movement of the Earth, and other planets,
			with something vibrating. Recognise that vibrations from sounds travel through a medium to the ear.	relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth.
			Find patterns between the pitch of a sound and features of the objectthat produced it.	Describe the Sun, Earth, and Moon as approximately spherical bodies.
			Find patterns between the volume of a sound and the strength of the vibrations that produced it.	Use the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky
			Recognise that sounds get fainter as the distance from the sound source increases	