





	EYFS Curriculum							
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Autumn 1 Humans 1) Know that you can describe humans by using hair colours, eye colours and skin colours. 2) Know that you can describe humans by their age (young, old, baby, coddler, child, adult, old berson) 3) Know that humans have similarities and differences in appearance. 4) Know that people look after them (families, deachers, doctors, dentists etc.) Animals excluding humans 1) Know that some animals live on land. 2) Know that some animals live in water. 3) Know that some animals live in the jungle. 4) Know that some animals live in a desert.	Materials  1) Know that some materials are natural.  2) Know that certain materials are better for certain jobs (e.g. modelling).  3) Know that you can reuse materials.  4) Know that some materials melt (ice, water).  5) Know that some materials are waterproof.  6) Know that some materials are hard and some materials are hard and some materials are soft.  7) Know that some materials are strong and some materials are weak.  Light  1) Know what a shadow is and identify the object that creates it.  2) Know where light comes from (light source).  3) Know that see-through objects make pale shadows.	Spring 1  Sound  1) Know that humans hear sounds through their ears.  2) Know that sounds can be loud or quiet.  3) Know that sounds can be high or low.  4) Know that sounds can come from lots of different places.	Spring 2  Living Things & their Habitats  1) Know that plants can be identified as trees, bushes, flowers, vegetables and herbs.  2) Know that minibeasts can be found in our local area.  3) Know that different plants and animals are found in different places.  4) Know that humans can cause damage to living things.	Forces 1) Know that some objects float. 2) Know that some objects sink. 3) Know how to move sand in different ways. 4) Know how to move water in different ways. 5) Know that the wind can make things move.	Earth & Space  1) Know that when the sky changes the temperature can change.  2) Know that when the sky changes the brightness changes.  3) Know that Earth is in space.  4) Know that the Sun is in space.  5) Know that using binoculars or a telescope can make things look larger.  7) Know that using binoculars or a telescope can make things look closer.  8) Know that some animals are nocturnal.		

	5) Know that some animals live in the North and South pole. 6) Know that some animals live in hot places. 7) Know that some animals live in cold	4) Know that non-see- through objects make darker shadows. 5) Know that shadows change throughout the day.				
Throughout the year	2) Know that humans wear	nanges throughout the year. different clothes depending one is the shelter to protect them from				
	<ul><li>6) Know that the plants the</li><li>7) Know that there are four</li></ul>	ey see will change depending y see will change depending seasons (spring, summer, au n all seasons and in different	on the time of year. utumn, winter).			
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Animals inc humans – animals  1) Know that animals vary in terms of structure e.g. wings, tails, ears etc.  2) Know that animals have different skin coverings e.g. scales, feathers and hair.  3) Know that the structure and skin coverings of animals are used to identify them.  4) Know that animals eat specific things; some eat other animals, some eat plants and some eat both.	Animals inc humans – humans  1) Know that humans have key parts in common (head, body, eyes, ears, mouth, teeth, legs)  2) Know that humans are unique.  3) Know that humans find out about the world using their senses.  4) Know that humans have five senses (sight, touch, taste, hearing and smelling).	Materials  1) Know that objects can be made of one material or more than one material.  2) Know that some objects can be made from different materials e.g. plastic, metal or wooden spoons.  3) Know that materials can be described by their properties e.g. shiny, stretchy, rough etc.  4) Know that some materials can have different forms and	Plants 1) Know that there are growing in our local are 2) Know that every pla 3) Know that plants car characteristics. 4) Know that plants ha flower, root, seed, trun but they vary between plants.	many different plants ea.  nt has a specific name. n be identified by key  ve common parts, (leaf, k, branch, stem, stalk) different types of eep their leaves all year es drop their leaves in	Seasonal Changes  1) Know that in the UK the day length is the longest in mid- summer and it gets shorter each day until mid-winter.  2) Know that in the UK the day length is the shortest in mid-winter and it gets longer every day until mid- summer.  3) Know that the weather changes with the seasons.

	5) Know that there are animal groups that animals can be classified into.	5) Know that each sense is linked to a particular part of the body.	different properties e.g. plastic.			4) Know that in the UK it is usually colder and rainier in winter. 5) Know that in the UK it is usually hotter and dryer in the summer. 6) Know that the weather changes the number of minibeasts found outside. 7) Know that the weather affects seed and plant growth. 8) Know that the weather affects the amount of leaves on the trees. 9) Know that the weather affects the
Throughout the year	2) Know that some plants to 3) Know that buds develop 4) Know that flowers develop 5) Know that at any particul *Pupils should therefore vis Seasonal change:  1) Know that the weather co 2) Know that the changing some seasonal changes.	into flowers.	ant parts will be present and at the year gathering addition	onal clues for identificati	ion.	
	your		Year 2			
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Everyday materials  1) Know that objects are materials properties that are suitable		Animals inc humans 1) Know that animals, including humans,	Plants	Living Things & their  1) Know that all objects never been alive.	

- 2) Know that when something is made, the material's properties are compared with the properties of other materials to choose the most suitable one. This is done through simple tests and classifying.
- 3) Know that a material can be suitable for different purposes.
- 4) Know that an object can be made of different materials.
- 5) Know that some materials can be changed in shape by bending, stretching, squashing and twisting and this is a property of the material.
- 6) Know that some materials can be changed in shape by bending, stretching, squashing and twisting and this could be because of how the material has been processed e.g. thickness.

- have offspring which grow into adults.
- 2) Know that humans and some animals have offspring that are young and they grow into adults.
- 3) Know that some animals lay eggs that hatch to young (or other stages) and then grow into adults.
- 4) Know that the young of some animals don't look like their parents e.g. tadpoles.
- 5) Know that all animals, including humans, have the basic needs of feeding, drinking and breathing that must be satisfied in order to survive.
- 6) Know that to grow into healthy adults you need the right amounts and types of food and exercise.
- 7) Know that good hygiene prevents infections and illnesses.

- 1) Know that plants can grow from seeds or bulbs.
- 2) Know that seeds or bulbs germinate and grow into seedlings which then continue to grow into mature plants.
- 3) Know that some mature plants have flowers which then develop into seeds/berries/fruits etc.
- 4) Know that seeds and bulbs need to be planted outside at particular times of the year.
- 5) Know that plants grow at different rates.
- 6) Know that some plants grow better in full sun, some grow better in partial sun and some grow better in the shade.
  7) Know that plants need different

amounts of water

and space to grow

well.

- 2) Know that living things are plants (including seeds) and animals.
- 3) Know that dead things include dead animals and plants and parts of animals and plants that are no longer attached (leaves, twigs, shells, fur, hair and feathers).
- 4) Know that an object made of wood is classed as dead.
- 5) Know that objects made from fossil fuels have never been alive.
- 6) Know that animals live in a habitat that it is suited to them and they have features that allow them to move and find food.
- 7) Know that plants live in a habitat that is suited to them and they have features that help them grow well.
- 8) Know that the habitat provides the basic needs for animals and plants (shelter, food, water).
- 9) Know that within a habitat there are microhabitats.
- 10) Know that micro-habitats have different conditions and this affects what living things live there.
- 11) Know that the plants and animals in a habitat depend on each other for food and shelter.
- 12) Know that the way animals get their food from plants and other animals can be shown in a food chain.

## Throughout the year

## **Living Things & Their Habitats:**

- 1) Know that the animals visible in a habitat will change depending on the weather and the season.
- \* In order to build up a full picture of the animals in a habitat, the habitat should be visited at different times throughout the year.

## Plants:

1) Know that seeds need to be planted in spring usually and bulbs need to be planted in autumn usually.

2) Know that for see	eds and bulbs to reach full maturity,	they need to complete thei	r life cvcle.						
	peds will need to be visited regularl								
	Year 3								
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2				
Unit  Plants  1) Know that many p (not all) have roots, stem/trunk, leaves a flowers/blossom.  2) Know that the roo absorb water and nutrients from the so anchor the plant in p 3) Know that the ste transports water and nutrients around the 4) Know that the ste holds the leaves and flowers up in the air enhance photosynth pollination and seed dispersal. 5) Know that leaves sunlight and water to make the plant's foo 6) Know that some p have flowers which enable the plant to reproduce. 7) Know that pollen produced by the ma of the plant. 8) Know that pollina when pollen is trans from the male part to female part of other flowers.	1) Know that humans have skeletons which help them move and provide protection and support. 2) Know that humans have muscles to help them move. 3) Know that some animals have skeletons which help them move and provide protection and support. 4) Know that animals have muscles to help them move.  use odd. plants  is alle part  tion is ferred to the	Forces and magnets  1) Know that a force is a push or a pull.  2) Know that the texture of the object and the texture of the surface may affect how an object moves over a surface.  3) Know that a magnet attracts magnetic material.  4) Know that iron, nickel and stainless steel are magnetic.  5) Know that magnets have two poles called north pole and south pole.  6) Know that the strongest part of the magnet are the poles.  7) Know that two like poles will repel.  8) Know that two unlike poles will attract.  9) Know that for some forces to act there must be contact but for some forces there doesn't need to be contact (magnetism).	Rocks and soil 1) Know that rock is a naturally occurring material. 2) Know that different types of rocks have different properties (hardness, absorption of water) 3) Know that rocks can be different shapes and sizes (stones, pebbles, boulders). 4) Know that soil is ground down rock mixed with organic matter (plant and animal material). 5) Know that the type of rock, size of rock pieces and the amount of organic matter affect the properties of the soil. 6) Know that some rocks contain fossils that were formed millions of years ago. 7) Know that fossils were created when animals and plants died and fell to the seabed where they	Light and shadow  1) Know that we see objects because our eyes sense light.  2) Know that dark is the absence of light.  3) Know some sources of light (e.g. Sun, light bulbs and candles).  4) Know that some objects reflect light.  5) Know that light from the Sun can damage your eyes but there are ways to avoid it (wearing sunglasses and not looking directly at the Sun).  6) Know that shadows are formed when an opaque or translucent object is blocking light from a light source.  7) Know that the size of a shadow depends on the position of a light source, the object and the surface.	Animals inc humans (nutrition)  1) Know that animals need to eat to get the nutrients they need.  2) Know that food contains a range of nutrients (carbohydrates, protein, vitamins, minerals, fats, sugars, water and fibre) which is needed for the body to stay healthy.  3) Know that a piece of food will have a range of nutrients.				

Throughout the year	*Pupils should therefore vis		oth squ the ma mir wa , flowers, seeds/berries at certa t the year gathering evidence li			and taking photographs
Unit	Autumn 1	Autumn 2	Year 4 Spring 1 Sp	vring 2	Summer 1	Summer 2
Unit	Living Things & Their	Animals including	Materials – States of matter	oring 2	Electricity	Sound
	Habitats 1) Know living things can be grouped by their features. 2) Know classification keys can be used to identify and name living things. 3) Know that a living thing's environment may change naturally by flooding, fire, earthquakes etc. 4) Know that a living thing's environment may change because of humans. This could be positive or negative. 5) Know that	Humans 1) Know that food enters the body through the mouth and digestion starts when the teeth start to break the food down. Saliva is added and the tongue rolls the food into a ball. 2) Know food is swallowed and then it passes down the oesophagus to the stomach. 3) Know that food is broken down in the stomach by being churned around and by chemicals being added.	1) Know that a solid keeps its fixed volume. 2) Know that a liquid has a fix changes shape to fit the cont 3) Know that a liquid can be a level, horizontal surface. 4) Know that a gas fills all availables no fixed shape or volume 5) Know that melting is when to a liquid. 6) Know that freezing is when to a solid and that the freezin 0 degrees. 7) Know that boiling is when to a gas because it is heated temperature and bubbles of gethe liquid. 8) Know that evaporation is so is liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing to a gas, but the same shape of the liquid changing the same sh	xed volume but tainer. poured and keeps ailable space; it e. a solid changes in a liquid changes in a liquid changes a liquid changes to a specific gas can be seen in similar to boiling, it	<ol> <li>Know that many household devices and appliances run on electricity, some plug in and some use batteries.</li> <li>Know that an electrical circuit consists of a cell or battery connected to a component using wires.</li> <li>Know if there's a break in the circuit, the component will not work.</li> <li>Know that a switch can be added into a circuit to turn the</li> </ol>	1) Know that sound produces vibrations that travel from a source through a medium to our ears. 2) Know that different mediums (solids, liquids, gases) can carry sound, but sound cannot carry through a vacuum (an area empty of matter). 3) Know that the vibrations cause the inside of our ears to vibrate allowing us to hear the sound. 4) Know that the volume of a sound
	environments change with the seasons and this impacts the things that live there.	Know that food passes into the small intestine. Here nutrients are removed from food and	slower at lower temperatures 9) Know that evaporation hap the temperature is higher, the out or it is windy.	opens quicker if	component on and off. 5) Know that metals are good conductors	depends on the size of the vibrations.

Throughout the year		leave the digestive system to be used elsewhere in the body. 5) Know that food passes into the large intestines next. Here water is removed for use elsewhere in the body. 6) Know that what is left in the large intestine then passes to the rectum. It then leaves the body through the anus when you go to the toilet. 7) Know that humans have four types of teeth: incisors are for cutting, canines for tearing, molars and premolars for grinding (chewing). 8) Know that living things can be classified as producers, predators and prey depending on their place in the food chain.		plants.	and can be used as wires in a circuit. 6) Know that non-metallic solids are insulators except graphite. 7) Know that water can conduct electricity.	5) Know that pitch means the highness or lowness of a sound. 6) Know that the features of the object producing the sound can impact the pitch e.g. smaller object usually produce a higher pitched sound.
	2) Know that animals visible	e in a habitat will change depo picture of the animals in a hab	ending on the weather on bitat, the habitat should be	the day and the season.		
11.0			Year 5			
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Living Things & Their Habitats	Animals including Humans	Properties of Materials	Changes of Materials	Forces 1) Know force causes	Earth & Space 1) Know the Sun is a
	1) Know that animals	1) Know when babies are	1) Know that materials	1) Know some	an object to start	star at the centre of
	reproduce sexually and	young they grow rapidly	have different uses	materials will	moving, stop moving,	the universe.
	there are two parents.	and are dependent on	depending on their	dissolve in a liquid	speed up, slow down	2) Know there are
	lilele die two baleilis.	I allu ale dependent un	i depelialita on men	i uissuive iii a iiuuiu	I Speed ap. Sign agmi	Z) KIIUW lilete ale

	2) Know some animals	2) Know during puberty, a	transparency, electrical	2) Know some	2) Know gravity is a	3) Know that the
	will produce live young.	child's body changes.	and thermal	materials are	force and it pulls	planets travel around
	3) Know some animals	3) Know puberty allows	conductivity and	insoluble and form	everything to Earth.	the Sun in fixed orbits.
	will produce eggs which	an adult to reproduce.	attraction to magnets.	sediment.	3) Know air resistance	4) Know it takes 365
	hatch.	4) Know that some	2) Know materials have	3) Know mixtures	is a contact force	1/4 days for Earth to
	4) Know some animals	changes affect boys and	different uses	can be separated by	when something is	complete it's orbit.
	undergo metamorphosis.	girls (sweat more, skin	depending on their	filtering, sieving and	moving through the	5) Know it takes 24
	5) Know plants can	and hair become	state (solid, liquid,	evaporating.	air.	hours for the Earth to
	reproduce sexually and	greasier, pubic hair starts	gas).	4) Know some	4) Know water	rotate.
	asexually.	to grow, feel more		changes are	resistance is a contact	6) Know that the
	6) Know bulbs, tubers,	emotional and arms and		reversible	force when something	rotation of the Earth
	runners and plantlets are	legs grow legs).		(dissolving, mixing,	is moving through	causes day and night.
	examples of asexual	5) Know that some		change of state)	liquid.	7) Know that the Sun
	reproduction.	changes only affect girls		5) Know some	5) Know friction is a	appears to move
	7) Know sexual	(breasts start to grow,		changes are	contact force when	across the sky
	reproduction occurs	hips widen and periods		irreversible (burning	two solids move past	because of the Earth's
	through pollination.	start).		wood, rusting, mixing	each other.	rotation.
		6) Know that some		vinegar with	6) Know a mechanism	8) Know the Moon
		changes only affect boys		bicarbonate soda)	is a device that allows	orbits the Earth and it
		(voice changes and may		and new materials	a small force to be	takes 28 days.
		grow facial hair)		are formed.	increased to a bigger	9) Know the Earth,
		7) Know where to get			force.	Sun and Moon are
		help and advice about			7) Know pulleys,	approximately
		growing and changing.			levers and gears are	spherical.
					all mechanisms.	
			Year 6			
Unit	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

Evolution & Inheritance  1) Know all living things have offspring of the same kind as features are inherited from parents.  2) Know that plants and animals have characteristics that are suited to their environment.  3) Know that if an environment changes rapidly then some variations in species will not be suitable and will	Living Things & Their Habitats  1) Know that living things can be formally grouped according to their characteristics.  2) Know micro-organisms (bacteria and yeast) do not fit into the animal or plant group.  3) Know that plants can make their own food whereas animals cannot.  4) Know animals can be divided into vertebrates	Electricity  1) Know that adding more cells to a complete circuit will make a bulb brighter, a motor faster or a buzzer louder.  2) Know that using a battery with a higher voltage will make a bulb brighter, a motor faster or a buzzer louder.  3) Know that adding more bulbs will make	Light  1) Know light travels in straight lines. 2) Know we see objects because light travels into our eyes. 3) Know light can come from light sources or it can be reflected into our eyes. 4) Know objects that are not transparent will block light and cause objects.	Animals including Humans – circulatory system 1) Know the heart pumps blood in blood vessels around to the lungs and then the blood goes back to the heart and is pumped around the body. 2) Know oxygen goes into the blood and carbon dioxide is removed.	Human relationships and sex education – covered in HRSE policy
environment. 3) Know that if an environment changes rapidly then some	plant group. 3) Know that plants can make their own food whereas animals cannot.	voltage will make a bulb brighter, a motor faster or a buzzer louder.	reflected into our eyes. 4) Know objects that are not transparent	pumped around the body. 2) Know oxygen goes into the blood and	

		health conditions (diabetes), how we think and how fit and well we are.	