

EYFS	Reception EYFS	Links to KS1 Curriculum				
EYFS area of Learning	Understanding the World: The Natural World					
Fundamental Knowledge	Explore the natural world around them and describe what they see, hear, and feel while they are outside.	Ask simple questions and recognising that they can be answered in different ways. Use their observations and ideas to suggest answers to questions.				
	Recognise some environments that are different to the one in which they live.	Observing closely, using simple equipment. Performing simple tests. Identifying and classifying.				
	Understand the effect of changing seasons on the natural world around them.	Gathering and recording data to help in answering questions.				
Fundamental Knowledge	Explore the natural world around them, making observat	ions and drawing pictures of animals and plants.				
	Know some similarities and differences between the natural world around them and contrasting environments, drawin 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.					



	Autumn Term		Spring Term		Summer Term	
Year 1	Weather	Everyday Materials	Animals	Materials	Plants	Healthy Me/Senses
Fundamental Knowledge	Observe changes across the 4 seasons Observe and describe weather associated with the seasons and how day length varies	Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties	Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. Identify and name a variety of common animals that are carnivores, herbivores and omnivores. Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets).	Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties	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.	Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense
Learning Checkpoint Tasks			Assessmer	at Documents		



Interweaved Knowledge	Understand the effects of the changing seasons on the natural world around them.	Explore the natural world around them.	Explore the natural world around them.	Recognise that some environments are different to the one in which they live.	Explore the natural world around them.
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Year 2	Autumn Term 1	Autumn Term 2 and Spring Term 1	Spring 2	Summer Term
	Living Things and Habitats	Materials	Animals inc Humans	Plants
Fundamental Knowledge	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 and name different sources of food.	Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching	Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	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



Learning Checkpoint Tasks	Assessment Documents					
Interweaved knowledge	Identify fish, amphibians, reptiles, birds and mammals. identify carnivores, herbivores and omnivores.	Name, describe and compare everyday materials.	Explore the natural world	Identify common wildplants. Structure of plant.		



Year 3	Autumn Term		Spring	Term	Summer Term	
	Animals inc	Rocks	Forces and	Light	Plants	
	Humans		Magnets			
Fundamental Knowledge	Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. Identify that humans and some other animals have skeletons and muscles for support, protection and movement.	Describe in simple terms how fossils are formed when things that have lived are trapped within rock. Recognise that soils are made from rocks and organic matter.	Magnets Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance. Observe how magnets attract or repel each other and attract some materials and not others. Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials. Describe magnets as having 2 poles. Predict whether 2	Notice that light is reflected from surfaces. Recognise that light from the sun can be dangerous and that there are ways to protect their eyes. Recognise that shadows are formed when the light from a light source is blocked by an opaque object. Find patterns in the way that the size of shadows change.	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 life cycle of flowering plants, including pollination, seed formation and seed dispersal.	



		attract or repel each other, depending on which poles are facing.		
Learning Checkpoint Tasks		Assessmer	at Documents	
Interweaved knowledge	Food chains Habitats	Materials can be changed by bending stretching and squashing.		Seeds and bulbs Requirements for growth



Year 4	Autum	in Term	Spring Term	Spring 1/	Summer Term
				Summer 1	
	Electricity	Living things	Animals inc Humans	States of	Sound
		and their		Matter	
		habitats		Water Cycle	
Fundamental	Identify	Recognise that	Describe the simple functions of	Compare and	Identify how sounds are made,
Knowledge	common	living things	the basic parts of the digestive	group	associating some of them with
	appliances that	can be grouped	system in humans.	materials	something vibrating.
	run on	in a variety of		together,	
	electricity.	ways.	Identify the different types of	according to	Recognise that vibrations from
			teeth in humans and their simple	whether they	sounds travel through a medium to
	Construct a	Explore and use	functions	are solids,	the ear.
	simple series	classification		liquids or	Find patterns between the pitch of
	electrical	keys to help		gases.	a sound and features of the object
	circuit,	group, identify		Observe that	that produced it.
	identifying and	and name a		some	Find patterns between the volume
	naming its	variety of living		materials	of a sound and the strength of the
	basic parts,	things in their		change state	vibrations that produced it.
	including cells,	local and wider		when they are	
	wires, bulbs,	environment.		heated or	Recognise that sounds get fainter
	switches and			cooled, and	as the distance from the sound
	buzzers.	Recognise that		measure or	source increases.
		environments		research the	
	Identify	can change and		temperature	
	whether or not	that this can		at which this	
	a lamp will	sometimes		happens in	
	light in a	pose dangers to		degrees	
	simple series	living things.		Celsius (°C).	
	circuit, based			Identify the	
	on whether or			part played by	
	not the lamp is			evaporation	
	part of a			and	
	complete loop			condensation	
	with a battery.			in the water	
	Recognise that			cycle and	
	a switch opens			associate the	



		Habitats			
knowledge		for life		Soils	
Interweaved	Forces	Requirements		Rocks and	Light
Tasks	<u> </u>	1		1	
Checkpoint					
Learning			Assessment Docume	ents	
	conductors.				
	being good				
	metals with				
	and associate				
	and insulators,				
	conductors				
	some common				
	Recognise				
	circuit.				
	lights in a simple series				
	or not a lamp				
	with whether			temperature.	
	associate this			with	
	circuit and			evaporation	
	and closes a			rate of	



Year 5	Autum	n Term	Spring Term	Summer Term
	Earth and Space	Forces (Gravity)	Properties and Changes of Materials	Life Cycles & Human Development (Puberty) Animals Inc Humans
Fundamental Knowledge	Describe the movement of the Earth and other planets relative to the sun in the solar system. Describe the movement of the moon relative to the Earth. Describe the sun, Earth and moon as approximately spherical bodies. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.	 Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda. 	Describe the changes as humans develop to old age. Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals.
Learning Checkpoint tasks			Assessment Documents	
Interweaved knowledge	Sound	Electricity	States of Matter	



Year 6	Αι	ıtumn Term	Spring Te	erm	Summer Term
	Living things and their habitats	Light	Animals inc Humans/Circulatory System	Evolution and inheritance	Electricity
Fundamental Knowledge	Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro- organisms, plants and animals. Give reasons for classifying plants and animals based on specific characteristics	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 the eye. Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them	identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Describe the ways in which nutrients and water are transported within animals, including humans Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.	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.	Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram. SEX ED Technical names for reproductive anatomy. Menstruation Conception
Learning checkpoint Task			Assessment Documents		
Interweaved knowledge		Space			