	Advent 1	Advent 2	Lent 1	Lent 2	Pentecost 1	Pentecost 2
EYFS Science Taken from ELG			Explore the natural world around them, making observations and drawing pictures of animals and plants. Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 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. Arctic Animals 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		Machines (Curriculum Matters Objectives only) Transport (Curriculum Matters Objectives only) Mini beasts Explore the natural world around them, making observations and drawing pictures of animals and plants	
					Describe their immediate environment using knowledge from observation, discussion, nonfiction texts Under the Sea Explore the natural world around them,	
					making observations and drawing pictures of animals and plants. Describe their immediate environment using knowledge from observation, discussion, nonfiction texts Seaside	
Hedgehogs (Nocturnal Animals) Explore the natural world around them, making observations and drawing pictures of animals and plants.				Explore the natural won making observations an animals and plants.		

Describe their immediate environment using knowledge from observation, discussion, nonfiction texts

Stickman

Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Space

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.

Describe their immediate environment using knowledge from observation, discussion, nonfiction texts

Healthy Living

Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.

Spring

Explore the natural world around them, making observations and drawing pictures of animals and plants.

Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

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.

Pirates

(Curriculum Matters Objectives only)

			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.			
Year 1 Science:	Animals Including	Seasonal Changes	Everyday Materials	Plants	Plants	Seasonal changes
	Humans	Observe changes	Distinguish between	Identify and name	Continued	Observe changes
	Identify and name	across the four	an object and the	a variety of		across four
	a variety of	seasons. (Autumn	material from which	common wild and		seasons. (Summer)
	common animals,	and winter)	it is made.	garden plants,		
	including fish,			including deciduous		Observe and
	amphibians,	Observe and	Identify and name a	and evergreen		describe weather
	reptiles, birds and	describe weather	variety of everyday	trees.		associated with the
	mammals.	associated with the	materials, including			seasons and how
	= 1	seasons and how	wood, plastic, glass,	Identify and		day length varies.
	Identify and name	day length varies.	metal, water and	describe the basic		
	a variety of		rock.	structure of a		
	common animals		No. of the state	variety of common		
	that are		Describe the simple	flowering plants,		
	carnivores, herbivores and		physical properties	including trees.		
	omnivores and		of a variety of everyday materials.	Seasonal Changes		
	ommvores.		everyady materials.	Observe changes		
	Describe and		Compare and group	across the four		
	compare the		together a variety	seasons. (Spring)		
	structure of a		of everyday	coustine. (epi mg)		
	variety of common		materials on the	Observe and		
	animals (fish,		basis of their	describe weather		
	amphibians,		simple physical	associated with		
	reptiles, birds and		properties.	the seasons and		

	mammals including pets) Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.		how day length varies	
Year 2 Science:	Animals including humans. Notice that animals including humans have off spring which grows into adults. Describe the basic needs of animals, including humans, for survival (water, food and air) Describe the importance for humans of exercise, eating healthily and hygiene.	Uses of every day materials. Identify and compare the suitability of everyday materials for particular uses. Find out how the shapes of solid objects can be changed by squashing, bending, twisting and stretching.	Plants. 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.	Living things and their habitats. Explore and compare the differences between things that are living, dead and things that have never been alive. Identify that most 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 micro-habitats. 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.
Year 3 Science:	Animals including	Rocks	Forces and	Plants	Light
	Humans The state of the state o	Compare and group	magnets	Identify and describe the functions of	Recognise that
	Identify that animals, including	together different kinds of rocks	Compare how things move on different	different parts of a	they need light in order to see things
	humans, need the	based on their	surfaces.	flowering plant.	and that dark is
	right types and	appearance and	Sur ruces.	nowering plant.	the absence of
	amounts of	simple physical	Notice that some	Explore the	light.
	nutrition, and they	properties.	forces need	requirements of	J
	cannot make their		contact, but	plants for life and	Notice that light is
	own food; they get	Describe in simple	magnetic forces can	growth (air, light,	reflected from
		terms how fossils	act at a distance.	water, nutrients from	surfaces.

	nutrition from what they eat.	are formed when living things that have lived are trapped within	Observe how magnets attract and repel some		soil, and room to grow) and how they vary from plant to plant.	Recognise that light from the sun can be dangerous
	Identify that humans and some animals have skeletons and muscles for	rock. Recognise that soils are made rocks and organic matter.	materials and not others. Compare and group together a variety		Investigate the way water is transported within plants.	and that there are ways to protect the eyes. Recognise that
	support, movement and protection.		of everyday materials on the basis of whether they attracted to a magnet, and identify some magnetic materials.		Explore the part that flowers play in the life cycle of a flowering plants, including pollination, seed formation and seed dispersal.	shadows are formed when the light from a light source is blocked. Find patterns in the way that the size of shadows can
			Describe magnets as having two poles. Predict whether two magnets will attract or repel depending on which poles are facing.			change.
Year 4 Science:	Sound Identify how sounds are made, associating some of them with	Electricity Identify common appliances that run on electricity.	States of matter Compare and group materials together whether they are solids, liquids or gases.	Living things and their habitat Recognise that living things can be grouped in a variety of ways.	Animals including humans Describe the parts and functions of the digestive system in humans.	

something	Construct a simple				
vibrating.	series electrical	Observe that some	Explore and use	Identify the	
	circuit, identifying	materials change	classification keys	different types of	
Recognise that	and naming its basic	state when they are	to help group,	teeth in humans and	
vibrations from	parts, including	heated or cooled,	identify and name	their functions.	
sounds travel	cells, wires, bulbs,	and measure or	a variety of living		
through a medium	switches and	research the	things in their local	Construct and	
to the ear.	buzzers.	temperature at	and wider	interpret a variety of	
		which this happens	environment.	food chains,	
Find patterns	Identify whether	in degrees Celsius.		identifying producers,	
between the pitch	or not a lamp will		Recognise that	predators and prey.	
of a sound and	light in a simple	Identify the part	environments can		
features of the	series circuit,	played by	change and that		
object that	based on whether	evaporation and	this can sometimes		
produced it.	or not the lamp is	condensation in the	pose dangers to		
	part of a complete	water cycle and	living things.		
Find patterns	loop with a battery.	associate the rate			
between the volume		of evaporation with			
of a sound and the	Recognise that a	temperature.			
strength of the	switch opens and				
vibrations that	closes a circuit and				
produced it.	associate this with				
	whether or not a				
Recognise that	lamp lights in a				
sounds get fainter	simple series				
as the distance	circuit.				
from the sound					
source increases.	Recognise some				
	common conductors				
	and insulators, and				
	associate metals				

		with being good conductors.			
Year 5 Science:	Forces	Earth and Space	Properties and	Living things and	Animals including
rear 5 Science.	Explain that	Describe the	changes of	their habitats	humans
	unsupported	movement of the	materials	Describe the	describe the
	objects fall	Earth, and other	Compare and group	differences in the	changes as humans
	towards the Earth	planets, relative to	together everyday	life cycles of a	develop to old age.
	because of the	the Sun in the solar	materials on the	mammal, an	(puberty and the
	force of gravity	system.	basis of their	amphibian, an insect	changes that
	acting between the	system.	properties, including	and a bird	happen to boys and
	Earth and the	Describe the	their hardness,	una a bii a	girls)
	falling object.	movement of the	solubility,	Describe the life	911 13)
	raning object.	Moon relative to	transparency,	process of	
	Identify the	the Earth.	conductivity	reproduction in some	
	effects of air	1110 Edi 111.	(electrical and	plants and animals.	
	resistance, water	Describe the Sun,	thermal), and	prante and annique.	
	resistance and	Earth and Moon as	response to		
	friction, that act	approximately	magnets.		
	between moving	spherical bodies.	g		
	surfaces.		Know that some		
		Use the idea of the	materials will		
	Recognise that	Earth's rotation to	dissolve in liquid to		
	some mechanisms,	explain day and	form a solution, and		
	including levers,	night and the	describe how to		
	pulleys and gears,	apparent movement	recover a substance		
	allow a smaller	of the sun across	from a solution.		
	force to have a	the sky.			
	greater effect.		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		 		
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with burning and				
the action of acid				
		the action of acid		

			on bicarbonate of		
			soda.		
Year 6 Science:	Light	Animals including	Electricity	Evolution and	Living things and
	Recognise that	humans: circulation	Associate the	Inheritance	their habitats
	light appears	Identify and name	brightness of a lamp	Recognise that	Describe how living
	travels in straight	the main parts of	or the volume of a	living things have	things are
	lines.	the human	buzzer with the	changed over time	classified into
		circulatory system,	number voltage of	and that fossils	broad groups
	Use the idea that	and describe the	cells used in the	provide	according to
	light travels in	functions of the	circuit.	information about	common observable
	straight lines to	heart, blood vessels		living things that	characteristics and
	explain that	and blood.	Compare and give	inhabited the	based on
	objects are seen	and brood.	reasons for	Earth millions of	similarities and
	because they give	Recognise impact of	variations in how	years ago.	differences,
	out or reflect light	diet, exercise,	components	, your o ago.	including micro-
	into the eye.	drugs and lifestyle	function, including	Recognise that	organisms, plants
	77.070.	on the way their	the brightness of	living things	and animals.
	Explain that we see	bodies function.	bulbs, the loudness	produce offspring	and annique.
	things because	boards function.	of buzzers and the	of the same kind.	Give reasons for
	light travels from	Describe the ways	on/off position of	but normally	classifying plants
	light sources to our	in which nutrients	switches.	offspring vary and	and animals based
	eyes or from light	are transported	SWITCHES.	are not identical to	on specific
	sources to objects	within animals,	Use recognised	their parents.	characteristics.
	and then to our	including humans.	symbols when	men parents.	characteristics.
	eyes.	merading numans.	representing a	Identify how	
	Cy63.		simple circuit in a	animals and plants	
	Use the idea that		diagram.	are adapted to suit	
	light travels in		alagi alli.	their environment	
	straight lines to			in different ways	
	explain why			and that	
	explain why			una mai	

shadows hav	ve the	adaptation may	
same shape	as the	lead to evolution.	
objects tha	t cast		
them.			