	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)
Year 1 Theme	Me	Place	Grow
Science Focus	Animals inc humans (parts of the body and	Materials	
	and senses)		
	Seasonal change (Autumn)	Seasonal change (winter)	Seasonal change (Spring and Summer)
FC activities	Children are outside in all seasons so learn about	Children are outside in all seasons so learn about	Children are outside in all seasons so learn about
	the changes.Longest day is mid Summer (16hrs)	the changes.Longest day is mid Summer (16hrs)	the changes.Longest day is mid Summer (16hrs)
and learning		and get shorter mid Winter (8hrs) (darker later/	and get shorter mid Winter (8hrs) (darker later/
		earlier etc). Colder/rainier in winter. Hotter/	earlier etc). Colder/rainier in winter. Hotter/
	•	dryer in summer. These change numbers of	dryer in summer. These change numbers of
	minibeasts outside, seed/plant growth, leaves on	minibeasts outside, seed/plant growth, leaves on	minibeasts outside, seed/plant growth, leaves on
	trees and what we wear during these seasons -	trees and what we wear during these seasons -	trees and what we wear during these seasons -
		- warm clothes, hats, scarves, gloves. Cool clothes	- warm clothes, hats, scarves, gloves. Cool clothes
	summer hat, put suncream on, drink more etc.	summer hat, put suncream on, drink more etc.	summer hat, put suncream on, drink more etc.
	Children learn about different woodland animals	Children explore natural materials in Forest schools	We talk about what trees and plants need in order to
	what they eat and where they live. How many legs	•	grow - Sun, Light, Water, soil etc.
	these birds and animals have, their sight, wings,	metal pans/trays and wooden spoons - properties	grow suri, light, water, son etc.
	tails, ears etc. Skin coverings ie scales, feathers,	of these ie shiny, rough, stretchy, etc.	Chidren plant seeds etc and see the growth of
	hair - These are all key features that we use to	(year 2 - the material can be changed by	trees, plants, flowers etc. Characteristics of plants
	identify them. What animals eat ie other animals	bending, squashing and twisting. For example mud	are used to identify them. Some trees keep their
	plants or animals and plants.	can be shaped by squashing, twisting, pressing and	leaves others drop them and then regrow them.
	Herbivores (eats plants), carnivores (meat) or	rolling depending on the thickness of the material.)	l
	Omnivores (plants and meat)		Children learn about the birds/animals that
			visit Forest Schools and their habitats.

(year 2 seeds and bulbs germinate and grow into seedlings which continue to grow into mature plants. Children see that these may have flowers which develop into berries, fruits etc. Children learn that seed/bulbs need to be planted outside at particular times of the year and will germinate and grow at different rates. Some plants prefer the shade and some in full sun. Children learn that plants need different amounts of water and space to grow well and stay healthy.) (year 2 Animals and humans have offspring who grow into adults these will be babies, kittens etc. Eggs that are hatched into young or other stages which then grow to adults. And that some young do not look like their parents eg tadpoles. Animals and humans need basic needs of feeding, drinking, breathing in order to survive. (Year 3 Children learn that many plants have roots, stems/trunks, leaves and flowers/blossom. Stem transports the water and nutrients/minerals around the plant. Leaves use sunlight and water to produce the plants food. Plants produce flowers which enable the plant to reproduce. Pollen produced by the male part of the flower, is transferred to the female part of the flower pollination.

	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)	
Year 2 Theme		People	Plants	
Science Focus	· ·	Plants	Living things and their habitats	
		Animals, including humans	Seasonal change (Spring and Summer)	
	Use of everyday materials	plants.	Living things and their habitats	
FS activities	Children explore natural materials in Forest school	Seeds and bulbs germinate and grow into	All objects are either living, dead or have been alive.	
and learning	mud, grsss, stones, bark, wood etc. We also have	seedlings which continue to grow into mature	Living things are plants and animals. Dead things are	
	metal pans/trays and wooden spoons - properties	plants. Children see that these may have flowers	dead animals and plants and parts of plants and	
	of these ie shiny, rough, stretchy, etc.	which develop into berries, fruits etc. Children	animals that are no longer attached - Children	
	The material can be changed by	learn that seed/bulbs need to planted outside at	experience death in Forest Schools when we see dead	
	bending, squashing and twisting. For example mud	particular times of the year and will germinate and	birds or mice etc. Sometimes we observe them as they	
	can be shaped by squashing, twisting, pressing and	grow at different rates.	decay to see what happes to them over time.	
	rolling depending on the thikness of the material.)	Some plants prefer the shade and some in full sun.	sometimes the children bury them, making little graves	
		Children learn that plants need different amounts	that they decorate and pray for the animal.	
	(Properties and changes or materials - year 5	of water and space to grow well and stay healthy.	Children are told not to pick flowers etc as they will then	
			die. And at times find a birds wing which they then	
	Mixtures can be separated by filtering, sieving and		identify as that animal being dead and it may have	
	evaporation.	roots, stems/trunks, leaves and flowers/blossom.	been brought to Forest School by an animal ie a fox.	
	Changes such as burning wood, rust form new	Stem transports the water and nutrients/	Wood in Forest School is known as dead as it is no longer	
	materials and these are not reversible.)	minerals around the plant. Leaves use sunlight and	attached to a tree. Rocks, metal, plastic etc have never	
		and water to produce the plants food. Plants	been alive.	
		prodiuce flowers which enable the plant to		
		reproduce. Pollen - produced by the male part of	Animals and plants live in a habitat to which they are	
		the flower, is transferred to the female part of the	suited. Animals have features that help them move and	
		flower - pollination.)	find food. Plants have features that help them grow.	
			The habitat provides the basic needs of the animals	
			and plants - shelter, food and water.	
			Within habitats there are different micro-habitats -	
			in leaf litter, on the bark of trees, on leaves. Micro-	
			habitats have different conditions - dark or light,	
		Animals and humans have offspring who	damp or dry. The conditions affect which plants and	
		grow into adults these will be baies, kittens etc.	animals live there. Plants and animals depend on each	
		Eggs that are hatched into young or other stages	other for food and shelter etc.	

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	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)
Year 3 Theme	Origins	Movement	Conflict
Science Focus	Rocks	Forces and movement	Plants
	Light	Animals, including humans	
EC - Ministra	Pardia.	Farmer and Marrows and	
FS activities		Forces and Movement	plants.
_		Push or pull force. When an object moves on a	Children learn that many plants have
	types of rocks - sandstone, limeston, slate etc	surface, the texture of the surfsce and the object	roots, stems/trunks, leaves and flowers/blossom.
		affect how it moves - metal pan on mud, metal tray	Stem transports the water and nutrients/
		on wood walking on ice etc. it can either help the	minerals around the plant. Leaves use sunlight and
		object to move or hinder the objects movement.	and water to produce the plants food. Plants
	Rockas are differet shapes and sizes - stones,	For some forces to act there must be contact eg a	produce flowers which enable the plant to
	pebbles and bouldres. Soil is made u of pieces of	hand pushing a swing, the wind pushing the trees,	reproduce. Pollen - produced by the male part of
	ground down rock possibly mied with plant and	pushing force to push down the see-saw.	the flower, is transferred to the female part of the
	animal materials (organic matter). These features		flower - pollination.
	affect the properties of the soil. Some rocks contai	Forces - Year 5	
	fossils - fossils were formed millions of years ago.	A force cause an object to start moving, stop	
	When plants and animals died they fell to the sea	moving, speed up, slow down or change direction.	
	bed. They became covered and squashed by other	Everything is pulled t the earth by gravity.	
	material. Over time the dissolving animal and plant	Pulleys, levers and gear are all mechanicm. Can be	
		used to move objects/transport objects. These can	
	. ,	be used as part of a swing or children have made	
	<u>Light</u>	a lift in forest schools using a tree and they lever	
		themselves up using the rope etc.	
	The sun is a source of light. The light from the sun		
	can damage our eyes so we mustnt look directly at		
		(Year 5 - When babies are young they grow rapidly.	
	Shadows - we chase each others shadows, place	They are dependent on their parents.)	
	objects in the light source from the sun to form	, , , , , , , , , , , , , , , , , , , ,	
	shadows that we can then draw round etc.		

	Science curriculant and rolest		TCul 4
	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)
Year 4 Theme	Folk	Compare	Us
Science Focus	Living things and their habitats. Sound	States of matter	Animals, including humans. Electricity
FS activiteis	Living thinkgs and their habitats	States of matter	Animals, including humans
and learning	Animals and plants live in a habitat to which they a	A solid keeps its shape and has a fixed volume.	Year 5 - When babies are young they grow
	suited. Animals have features that help them move	A liquid has a fixed volume but changes in shape	rapidly. They are dependent on their parents.
	find food. Plants have features that help them grov	to fit the container. A liquid can be poured and	
	The habitat provides the basic needs of the animal	keeps a level, horizontal surface.	
	and plants - shelter, food and water.	Granular and powdery solids like sand can be	
	Within habitats there are different micro-habitats -	confused with liquids because they pour, however	
	in leaf litter, on the bark of trees, on leaves. Micro-	when poured they form a heap.	
	habitats have different conditions - dark or light,	Melting is a state of change from solid to liquid.	
	damp or dry. The conditions affect which plants an	Boiling is a state of change from liquid to gas that	
	animals live there. Plants and animals depend on e	happens when a liquid is heasted to a specific	
	other for food and shelter etc.	temperature and bubbles of the gas can be seen in	
	Habitats can be changed naturally be flooding,	the liquid.	
	fire, an earthquake etc. Humans also cause the	Water boils when heated to 100oc	
	environment to change in a positive way - setting u	Evapouration is the same state change as boiling	
	reservoirs but also in a negative way ie littering. Th	(liquid to gas), but happens slowly at lower	
	environments change with the seasons. Living thing	temperatures and only at the surface of the	
	can be found in habitats at diferent times of the ye	liquid.	
		We cook on an open fire so these things are	
	(Year 5 - As part of a life cycle, plants and animals	discussed then.	
	reproduce.	Evapouration happens more quickly if the	
	Animals have offspring that grow into adults whic	temperature is higher, the liquid is spread out or it	
	are born live, such as babies, squirrels, deer etc.	is windy.	
	other animals have eggs ie chickens and snakes w	Condensation is the change back from a gas to	
	hatch into young and grow into adults.	liquid caused by cooling.	
	Some young go through further changes before	Water at the surface of seas, rivers etc evapourates	
	becoming adults ie caterpillar to butterflies -	into water vapour (a gas). This rises, cools and	
	metamorphosis.)	condenses back into aliquid forming cloud. When too	
		much water has condensed, the water droplets in the	
	(Year 6 - Plants can make their own food where	cloud get too heavy and fall back down as rain,	
		snow, sleet etc and drain back into the rivers etc.	
	Plants can be divided into 2 main groups - floweri	This is known as precipitation. THE WATER CYCLE.	
	plants and non-flowering plants.)		

	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)
Year 5 Theme	Life and Death	Beyond	Legacy
	Properties and change of materials	Earth and space	Living things and their habitats
		Forces	Animals, including humans
FS activities	Properties and changes of material	Earth and Space	Living things and their habitats.
	Mixtures can be separated by filtering, sieving and evaporation.	The Sun is a star. Earth takes 365 1/4 days to complete its orbit around the sun. As Earth rotates half faces the sun (day) and	Animals have offspring that grow into adults which are born live, such as babies, squirrels, deer etc. Other animals have eggs ie chickens and snakes which hatch into young and grow into adults.

	Autumn (14 wks)	Spring (12 wks)	Summer (13 wks)	
Year 6 Theme	Sanctuary	Adversity	Evolution	
Science Focus	Light	Animals, including humans	Evolution and inheritance	
	Electricity		Living things and their habitats	
FS activities	<u>Light</u>		Evolution and inheritance	
and learning	Objects that block light will cause shadows.		All living things have offspring of the same kind, as	
	Shadows - we chase each others shadows, place		features in the offspring are inherited from the parents.	
	objects in the light source from the sun to form		Due to reproduction the offspring are not identical to their	
	shadows that we can then draw round etc.		parents and vary from each other.	
			Planbts and animals have characteristics that make them	
			suited (adapted) to their environment. If the environment	
			changes rapidlym some variations of a species may not suit	
			the new environment and die. If the environment changes	
			slowly, animals qnd plants with variations that are best	
			suited survive in greater numbers to reproduce and	
			pass their characteristics on to their young. Over time,	
			these characteristics become more dominant within the	
			population. Over a very long period of time, these	
			characteristics may be so different to how they were	
			originally that a new species is created - EVOLUTION	
			Fossils give us evidence of what lived on earth millions	
			of years ago and provide evidence to support the theory	
			of evolution.	
			Living things and their habitats.	
			Plants can make their own food where animals	
			cannot.	
			Plants can be divided into 2 main groups - flowering	
			plants and non-flowering plants.	
			piants and non nowering piants.	