Progression Document Progression Documents Our progression documents have been created by the Curriculum Leader and Science Subject Leader to ensure clear progress in the disciplines: biology, physics and chemistry The progression document show key knowledge (substantive knowledge), key vocabulary and key skills (disciplinary knowledge) and assessment outcomes from EYFS – Year 6.

Physics

Key knowledge progression	Key vocabulary	Key skills progression	Assessment outcome
to be explicitly taught throughout	All vocabulary on ARCHES Planners		
unit of work (and revised	(to be explicitly taught)		
constantly through retrieval			
practice)			
EYFS – A foundation of scientific skills	<u>and knowledge</u>		
Pupils should be taught to			
Ask questions			
Talk about what they see using a v			
·	is and organise thinking and activition	es	
To explain how things work and w			
Articulate their ideas and thought.			
Use new vocabulary in different co	ontexts		
Explore how things work			
Explore and talk about different for			
YEAR THREE - Light	YEAR THREE	YEAR THREE	YEAR THREE
Pupils should be taught to:	Light (noun)	 I know and can explain and 	
recognise that they need light in o	order Dark (adjective)	demonstrate how a shadow is	
to see things and that dark is the	Light source (noun)	formed.	
absence of light	Transparent (adjective)	I know and can explain that light is	
notice that light is reflected from	Translucent (adjective)	reflected from a surface.	
surfaces	Opaque (adjective)	I know how to describe what dark	
recognise that light from the sun of th	j Silaaow (iloail)	is (the absence of light).	
be dangerous and that there are v	Reflect (verb)	I know and can explain that light is	
to protect their eyes	Mirror (noun)	needed in order to see.	
recognise that shadows are forme recognise that shadows are formed recognise that shadows are forme		I know and can explain the danger	
when the light from a light source	IS	of direct sunlight and describe how	
blocked by an opaque object		to keep protected	
find patterns in the way that the s of shadows shapes	ize	I know how to explore shadow size and exploin	
of shadows change.		and explain.	

Pupils shou compar differer notice to between forces of each of every whether	re and group together a variety yday materials on the basis of er they are attracted to a t, and identify some magnetic	YEAR THREE Magnet (noun) Attract (verb) Repel (verb) Non-magnetic (adjective) Magnetic field (noun) Opposite (adjective) Surface (noun) Force (noun) Resistance (noun) Friction (noun)	 YEAR THREE I know how to predict whether magnets will attract or repel and give a reason. I know how to explore and describe how objects move on different surfaces. I know how to explore and explain how objects attract and repel in relation to objects and other magnets. I know and can describe how magnets work. I know how to explain how some forces require contact and some do not, giving examples. I know how to predict whether objects will be magnetic and carry out an enquiry to test this out. I know that magnets have two poles and will attract or repel depending on which way the poles are facing. 	YEAR THREE
 identify associated something associated something associated something associated aso	Id be taught to: how sounds are made, ting some of them with ling vibrating se that vibrations from sounds hrough a medium to the ear tterns between the pitch of a	YEAR FOUR Vibration (noun) Sound Wave (noun) Volume (noun) Amplitude (noun) Pitch (noun) Ear (noun) Particles (noun) Distance (noun) Soundproof (adjective) Absorb sound (verb) Vacuum (noun) Eardrum (noun)	 YEAR FOUR I can explore the correlation between pitch and the object producing a sound. I can describe how sound is made. I can explain the place of vibration in hearing. I can explore the correlation between the volume of a sound and the strength of the vibrations that produced it. I can describe what happens to a sound as it travels away from its source. 	YEAR FOUR

YEAR FOUR – Electricity Pupils should be taught to: • identify common appliances that run on electricity • construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers • identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery • recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit • recognise some common conductors and insulators, and associate metals with being good conductors.	YEAR FOUR Electricity (noun) Appliance (noun) Battery (noun) Cell (noun) Buzzer (noun) Component (noun) Conductor (noun) Insulator (noun) Circuit (noun) Fuel (noun) Generate (verb)	 I can explain how sound travels from a source to our ears. YEAR FOUR I can draw a circuit diagram. I can predict and test whether a lamp will light within a circuit. I can identify and name appliances that require electricity to function. I can describe the difference between a conductor and insulators, giving examples of each. I can identify and name the components in a series circuit (including cells, wires, bulbs, switches and buzzers). I can construct a series circuit. I can describe the function of a switch in a circuit. 	YEAR FOUR
 YEAR FIVE – Earth and Space Pupils should be taught to: 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. 	YEAR FIVE Sun (noun) Moon (noun) Earth (noun) Planet (noun) Spherical (adjective) Solar system (noun) Rotate (verb) Star (noun) Orbit (noun)	 YEAR FIVE I can describe and explain the movement of the Moon relative to the Earth. I can explain and demonstrate how night and day are created. I can describe the Sun, Earth and Moon (using the term spherical). 	YEAR FIVE
<u>YEAR FIVE – Forces</u> Pupils should be taught to:	YEAR FIVE Force (noun)	YEAR FIVE	YEAR FIVE

towards the E force of gravit Earth and the identify the ei water resistar between mov recognise tha including leve	falling object Water r Frects of air resistance, nce and friction, that act Mechan	noun) stance (noun) resistance (noun) (noun) nism (noun) machines (noun) noun)	 I can identify and explain the effect of air resistance. I can identify and explain the effect of friction. I can explain how levers, pulleys and gears allow a smaller force to have a greater effect. I can identify and explain the effect of water resistance. I can explain what gravity is and its impact on our lives. 	
straight lines use the idea the lines to explain the eye explain that we travels from his from light sout to our eyes use the idea to straight lines.	Light So Dark (act and light travels in straight in that objects are seen give out or reflect light give out or reflect light ght sources to our eyes or arces to objects and then to explain why shadows e shape as the objects in the light appears to the company of the company	oun) ource (noun) djective) erent (adjective) e (adjective) djective) djective) (noun) o (noun) (noun)		YEAR SIX
the volume of number and with the circuit of compare and variations in h	ity YEAR SIZ aught to: Circuit o	X YE diagram (noun) with the symbol (noun) (noun) (noun)	I can draw circuit diagrams using correct symbols. (DT Link) I can explain how the number & voltage of cells in a circuit links to the brightness of a lamp or the volume of a buzzer.	YEAR SIX

bulbs, the loudness of buzzers and the on/off position of switches use recognised symbols when representing a simple circuit in a	I can compare and give reasons for why components work and do not work in a circuit.
diagram.	

Chemistry

	Key knowledge progression	Key vocabulary	Key skills progression	Assessment outcome
	to be explicitly taught throughout unit of	All vocabulary on ARCHES	and progression	
	work (and revised constantly through	Planners (to be explicitly		
	retrieval practice)	taught)		
	EYFS – A foundation of scientific skills and kr	= -		
	Pupils should be taught to			
	Ask questions			
	Talk about what they see using a wide view.	ocabularv		
	Use talk to help work out problems and	•	ies	
	To explain how things work and why the	-		
	 Articulate their ideas and thoughts in we 			
	Use new vocabulary in different context		n the Year One ARCHES planners)	
	Explore collections of materials with sim	•	·	
	Talk about the differences between mat	, ,		
	Use all of their senses in hands on explo			
	ose an or enem senses in manas on expre	ration of matural materials		
			T	T
MATERIALS	YEAR ONE – Everyday Materials	YEAR ONE	YEAR ONE	YEAR ONE
	Pupils should be taught to:	Shiny (adjective)	I know and can name wood,	Annotate images of different
	 distinguish between an object and 	Dull (adjective)	plastic, glass, metal, water and	objects with topic vocabulary to
	the material from which it is made	See-through (adjective)	rock.	identify.
	 identify and name a variety of 	Not see-through	I know and can describe the	
	everyday materials, including	(adjective)	properties of everyday materials.	Describing the properties of
	wood, plastic, glass, metal, water,	Smooth (adjective)	I know and can explain the	different materials within objects
	and rock	Bendy (adjective)	materials that an object is made	around the classroom.
	describe the simple physical	Waterproof (adjective)	from.	
	properties of a variety of everyday	Object (noun)	I know how to group objects based	
	materials	Material (noun)	on the materials they are made	
	compare and group together a	Wood (noun)	from.	
	variety of everyday materials on	Plastic (noun)	I know how to distinguish between	
	the basis of their simple physical	Glass (noun)	an object and the material it is	
	properties	Metal (noun)	made from.	
		Water (noun)		
		Rock (noun)		

 YEAR TWO – Uses of Everyday Materials Pupils should be taught to: 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. YEAR THREE - Rocks Pupils should be taught to: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties 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. 	YEAR TWO Materials (adjective) Absorbent (adjective) Property (noun) Rigid (adjective) Flexible (adjective) Suitable (adjective) Reflective (adjective) Opaque (adjective) Translucent (adjective) Transparent (adjective) YEAR THREE Crust (noun) Decay (verb) Fossil (noun) Geologist (noun) Igneous (adjective) Impermeable (adjective) Inner core (noun) Mantle (noun) Metamorphic (adjective) Microbe (noun) Permeable (adjective) Rock (noun) Sedimentary (adjective) Soil (noun)	 YEAR TWO I know how to identify and name a range of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard. I know and can explore how shapes can be changed by squashing, bending, twisting and stretching. I know how to suggest why a material might or might not be used for a specific job. YEAR THREE I know and can describe how fossils are formed. I know and can compare and group rocks based on their appearance and physical properties, giving a reason. I know and can describe and explain the difference between sedimentary and igneous rock. 	YEAR TWO Test materials for a purpose and describe how they can be used and why they would be suitable. YEAR THREE
YEAR FOUR – States of Matter Pupils should be taught to: • compare and group materials together, according to whether they are solids, liquids or gases • identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature	YEAR FOUR Solid (adjective) Liquid (noun) Gas (noun) State change (verb) Melting point (noun) Boiling point (noun) Evaporation (noun) Temperature (noun) Water cycle (noun)	 YEAR FOUR I can group materials based on their state of matter (solid, liquid, gas). I can explore and describe how some materials can change state. I can measure the temperature at which materials change state. I can describe the water cycle. I can explain the part played by evaporation and condensation in the water cycle. 	YEAR FOUR

YEAR FIVE – Properties and Changes

Pupils should be taught to:

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- 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.

YEAR FIVE

Thermal (adjective)

Electrical (adjective) Conductor (noun) Insulator (noun) Change of state (noun) Mixture (noun) Dissolve (verb) Solution (noun) Soluble (adjective) Insoluble (adjective) Filter (verb) Sieve (verb) Reversible change (noun) Non-reversible change (noun) Burning (adjective) Rusting (adjective)

New material (noun)

YEAR FIVE

- I can give evidenced reasons why materials should be used for specific purposes.
- I can describe how a material dissolves to form a solution; explaining the process of dissolving.
- I can describe and show how to recover a substance from a solution.
- I can explain how some changes result in the formation of a new material and that this is usually irreversible.
- I know and can demonstrate that some changes are reversible and some are not.
- I can describe how some materials can be separated.
- I can demonstrate how materials can be separated (e.g. Through filtering, sieving and evaporating).
- I can discuss reversible and irreversible changes.
- I can compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical & thermal], and response to magnets).

YEAR FIVE

Biology

Key knowledge progression	Key vocabulary	Key skills progression	Assessment outcome		
to be explicitly taught throughout unit of	All vocabulary on ARCHES				
work (and revised constantly through	Planners (to be explicitly				
retrieval practice)	taught)				
EYFS – A foundation of scientific skills and kr	<u>nowledge</u>				
Pupils should be taught to					
 Ask questions 					
 Talk about what they see using a wide ver 	ocabulary				
• Use talk to help work out problems and	organise thinking and activit	ies			
 To explain how things work and why the 	y might happen				
 Articulate their ideas and thoughts in we 	ell-formed sentences				
 Use new vocabulary in different context 	s (linked to the vocabulary o	n the Year One ARCHES planners)			
 Daily weather discussions 					
 Understanding the effects of changing se 	easons on the natural world	around us			
 Describe what they can see, hear and fe 	el whilst outside				
• Explore the natural world around them					
Begin to understand the need to care an	d respect for the natural env	rironment and all living things			
Recognise that some environments are different to the one which they live					
Know some similarities and differences between the natural world around them and contrasting environments					
Plant seeds and care for growing plants					
Understand the key features of the life cycle of a plant and an animal					
Make observation and drawings of anim	als and plants				
 Make healthy choices about food, drink, 	activity and toothbrushing				

PLANTS	YEAR ONE Pupils should be taught to: 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.	YEAR ONE Leaf (noun) Stem (noun) Root (noun) Flower (noun) Petal (noun) Seed (noun) Trunk (noun) Branch (noun) Bark (noun) Deciduous (adjective) Evergreen (adjective)	 YEAR ONE I know the name the roots, trunk, branches and leaves of a tree. I know the name the petals, stem, leaf and root of a plant. I know the name a variety of common wild and garden plants 	YEAR ONE Name and label plants and trees. Label the parts of a flowering plant
	YEAR TWO Pupils should be taught to: 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.	YEAR TWO Seedlings (noun) Shoot (noun) Healthy (adjective) Temperature (noun) Germination (noun) Reproduction (noun) Nutrients (noun) Shade (noun) Bulb (noun)	 YEAR TWO I know and can describe how seeds and bulbs grow into plants. I know and can describe what plants need in order to grow and stay healthy (water, light & suitable temperature). 	YEAR TWO Explain how different conditions effect how plants grow. Describe how plants that they have grown from seeds and bulbs have developed over time.

	 YEAR THREE Pupils should be taught to: 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. 	YEAR THREE Roots (noun) Stem/trunk (noun) Leaves (noun) Photosynthesis (noun) Pollen (noun) Pollination (noun) Seed formation (noun) Seed dispersal (noun) Germination (noun)	 YEAR THREE I know and can explore and describe how water is transported within plants. I know and can describe the function of different parts of flowering plants and trees. I know and can describe the plant life cycle, especially the importance of flowers 	YEAR THREE Explain how water is transported in plants. Explain how brightly coloured petals assist successful pollination
ANIMALS INCLUDING HUMANS	 YEAR ONE Pupils should be taught to: 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) identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	YEAR ONE Herbivore (noun) Carnivore (noun) Omnivore (noun) Senses (noun) Fish (noun) Reptile (noun) Amphibian (noun) Head (noun) Body (noun) Eyes (noun) Ears (noun) Mouth (noun) Teeth (noun) Leg (noun) Tail (noun) Wing (noun) Claw (noun) Fin (noun) Scales (noun) Fur (noun)	 YEAR ONE I know the name a variety of animals including fish, amphibians, reptiles, birds and mammals. I know how to classify and name animals by what they eat (carnivore, herbivore and omnivore). 	YEAR ONE Label parts of the body. Can sort and group animals using similarities and differences. Can match the sense to the body part.

YEAR TWO Pupils should be taught to: • 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. YEAR THREE Pupils should be taught to: • identify that animals, including	Paw/hooves (noun) YEAR TWO Hygiene (noun) Exercise (noun) Growth (noun) Heartbeat (noun) Breathing (verb) Life Cycle (noun) Germs (noun) Disease (noun) Nutrition (noun) Reproduce (verb) Offspring (noun) Healthy (noun) YEAR THREE Nutrition (noun) Nutrients (noun)	 YEAR TWO I can describe why exercise; a balanced diet and good hygiene are important for humans. I know some different sources of food for animals. I know and can describe what animals and humans need to survive. I know how to explain the basic stages in a life cycle for animals, including humans. YEAR THREE I know and can explain the importance of a nutritious, 	YEAR TWO Create a life cycle chain and a small leaflet to explain how to keep your body healthy. YEAR THREE
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.	Carbohydrate (noun) Sugars (noun) Proteins (noun) Vitamins (nouns) Minerals (noun) Fibre (noun) Fats (noun) Water (noun) Skeleton (noun) Bones (noun) Muscles (noun) Joints (noun) Support (verb) Protect (verb) Move (verb) Skull (noun) Spine (noun)	 balanced diet. I know and can explain how nutrients, water and oxygen are transported within animals and humans. I know how to describe and explain the skeletal system of a human. I know how to describe and explain the muscular system of a human. 	

 YEAR FOUR Pupils should be taught to: describe the simple functions of the basic parts of the digestive system in humans identify the different types of teeth in humans and their simple functions construct and interpret a variety of food chains, identifying producers, predators and prey. 	YEAR FOUR Herbivore (noun) Carnivore (noun) Omnivore (noun) Producer (noun) Predator (noun) Prey (noun) Digestion (noun) Incisor (noun) Canine (noun) Molar (noun) Premolar (noun) Nutrients (noun) Absorb (verb)	 YEAR FOUR I can describe the functions of the organs in the human digestive system. I can identify and name the parts of the human digestive system. I can use food chains to identify producers, predators and prey. I can construct food chains to identify producers, predators and prey. I can describe the functions of different human teeth. I can identify and describe the different types of teeth in humans 	YEAR FOUR
YEAR FIVE Pupils should be taught to: • describe the changes as humans develop to old age.	YEAR FIVE Sensitivity (noun) Puberty (noun) External (adjective) Internal (noun) Change (verb) Develop (verb) Ovulation (noun) Biological (adjecticve) Reproduction (noun) Menstrual cycle (noun) Hormones (noun) Pituitary gland (noun) Uterus (noun) Fertilised Ovum (noun) Fallopian tube (noun) Vagina (noun) Cervix (noun) Womb (noun)	YEAR FIVE I can create a timeline to indicate stages of growth in humans	YEAR FIVE

YEAR SIX	YEAR SIX	YEAR SIX	YEAR SIX
Pupils should be taught to: • identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • describe the ways in which nutrients and water are transported within animals, including humans.	Heart (noun) Pulse (noun) Pulse rate (noun) Blood (noun) Blood vessels (noun) Transported (verb) Lungs (noun) Oxygen (noun) Carbon Dioxide (noun) Nutrients (noun) Water (noun) Muscles (noun) Cycle (noun) Circulatory system (noun) Diet (noun) Exercise (noun) Drugs (noun) Lifestyle (noun)	 I can identify and name the main parts of the human circulatory system. I can describe the functions of the heart, blood vessels and blood. I can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function I can describe the ways in which nutrients and water are transported within animals, including humans. 	TEATURE .

aught to:

- ompare the differences gs that are living, dead, t have never been alive
- nost living things live in nich they are suited and different habitats e basic needs of of animals and plants, depend on each other
- ame a variety of plants their habitats, including
- animals obtain their nts and other animals, of a simple food chain, nd name different d.

YEAR TWO

Living (adjective) Non-living (adjective) Habitat (noun) Food chains (noun) Biomes (noun) Depend (adjective) Invertebrate (noun) Microhabitat (Noun) Minibeast (noun) Offspring (noun) Source (noun) Vegetation (noun) Vertebrate (noun)

YEAR TWO

- I know and can describe how a specific habitat provides for the basic needs of things living there (plants and animals).
- I know how to identify things that are living, dead and never lived.
- I know how to identify and name plants and animals in a range of habitats.
- I know how to match living things to their habitat.
- I know and can describe how animals find their food.
- I know how to explain a simple food chain

YEAR TWO

Explain in simple terms why an animal or plant is suited to a habitat.

Pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things

YEAR FOUR

Classification key (noun) Environment (noun) Habitat (noun) Human impact (noun) Positive (adjective) Negative (adjective) Migrate (verb) Hibernate (verb) Invertebrate (noun) Vertebrate (noun) Fish (noun) Amphibian (noun) Reptile (noun) Bird (noun) Mammal (noun)

YEAR FOUR

- I can use classification keys to group, identify and name living things.
- I can describe how changes to an environment could endanger living things.
- I can group living things in different ways.

YEAR FOUR

Research how environmental changes effect endangered animals and show research on a poster.

	YEAR FIVE Pupils should be taught to: • 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. YEAR SIX	YEAR FIVE Life cycle (noun) Reproduction (noun) Sexual (adjective) Sperm (noun) Fertilise (verb) Egg (noun) Live young (noun) Metamorphosis (noun) Asexual (adjective) Plantlets (noun) Runners (noun) Bulbs (noun) Cutting (noun) YEAR SIX	 YEAR FIVE I can describe the life cycle of different living things, e.g. mammal, amphibian, insect, bird. I can describe the differences between different life cycles. I can describe the process of reproduction in plants I can describe the process of reproduction in animals. 	YEAR FIVE Using taught knowledge and secondary research, accurately draw, label and explain a plant and animal life cycle YEAR SIX
	Pupils should be taught to: describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals give reasons for classifying plants and animals based on specific characteristics	Vertebrate (noun) Invertebrate (noun) Warm-blooded (adjective) Cold-blooded (adjective) Insect (noun) Spider (noun) Snail (noun) Worm (noun) Flowering (adjective) Non-flowering (adjective) Mosses (noun) Ferns (noun) Conifers (noun)	 I can describe how living things have been classified. I can classify living things into broad groups according to observable characteristics and based on similarities & differences. 	TLAN SIA
SEASONAL CHANGES	 YEAR ONE Pupils should be taught to: observe changes across the four seasons observe and describe weather associated with the seasons and how day length varies. 	YEAR ONE Seasons (noun) Evergreen (adjective) Deciduous (adjective) Weather (noun) Autumn (noun) Winter (noun) Spring (noun)	 YEAR ONE I know and can observe and comment on changes in the seasons. I know and can name the seasons and suggest the type of weather in each season. 	YEAR ONE Create a booklet to show a deciduous tree in the season you are look at, include the 3 months in that season, what activities can be done, clothes that are worn and changes to the weather.

		Summer (noun)		
EVOLUTION AND INHERITANCE	YEAR SIX Pupils should be taught to: • recognise that living things have changed over time 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	YEAR SIX Offspring (noun) Sexual reproduction (adjective) Variation (noun) Characteristics (noun) Suited (adjective) Adapted (verb) Environment (noun) Inherited (adjective) Species (noun) Fossils (noun)	 YEAR SIX I can describe how the earth and living things have changed over time. I can explain evolution. I can link adaptation over time to evolution. I can explain how animals and plants are adapted to suit their environment. I can explain about reproduction and offspring (recognising that offspring normally vary and are not identical to their parents). I can explain how fossils can be used to find out about the past. 	YEAR SIX