				Working Scientific	ally			
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically			To ask simple questions and recognising that they can be answered in different ways To observe closely, using simple equipment	To ask simple questions and recognising that they can be answered in different ways	To ask relevant questions and using different types of scientific enquiries to answer them	To ask relevant questions and using different types of scientific enquiries to answer them	To plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary	To plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
			To perform simple tests To identify and classifying	To observe closely, using simple equipment To perform simple tests	fo set up simple practical enquiries, comparative and fair tests	practical enquiries, comparative and fair tests	To take measurements, using a range of scientific equipment, with increasing accuracy	To take measurements, using a range of scientific equipment, with increasing accuracy and
			and ideas to suggest answers to questions To gather and record	To identify and classifying	and careful observations and, where appropriate, taking accurate	and careful observations and, where appropriate, taking accurate	and precision, faking repeat readings when appropriate	precision, taking repeat readings when appropriate
			data to help in answering questions.	To use their observations and ideas to suggest answers to questions To gather and record data to	measurements using standard units, using a range of equipment, including thermometers and data loggers	measurements using standard units, using a range of equipment, including thermometers and data loggers	results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs	results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
				help in answering questions.	To gather, record, classify and present data in a variety of ways to help in answering questions	To gather, record, classify and present data in a variety of ways to help in answering questions	To use test results to make predictions to set up further comparative and fair tests	To use test results to make predictions to set up further comparative and fair tests
					To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables	To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables	To report and present findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as	To report and present findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other
					To report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions	To report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions	displays and other presentations To identify scientific evidence that has been used to support or refute ideas or arguments	presentations To identify scientific evidence that has been used to support or refute ideas or arguments

				To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions To identify differences, similarities or changes related to simple scientific ideas and processes To use straightforward scientific evidence to answer questions or to support their findings	To use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions To identify differences, similarities or changes related to simple scientific ideas and processes To use straightforward scientific evidence to answer questions or to support their findings	
Vocabulary		question answer observe observing equipment identify classify sort group record – diagram, chart, map data compare, contrast describe	question answer observe observing equipment identify classify sort group record – diagram, chart, map data compare, contrast describe	plan variables measurements accuracy precision repeat readings record data – scientific diagrams, labels, classification keys, tables, bar graph and line graphs predications further comparative and fair test report and present – conclusions, explanations, oral and written display and presentation. evidence – support, identify, classify and describe patterns	plan variables measurements accuracy precision repeat readings record data – scientific diagrams, labels, classification keys, tables, bar graph and line graphs predications further comparative and fair test report and present – conclusions, explanations, oral and written display and presentation. evidence – support, identify, classify and describe patterns	plan varia mecc precc scien labe keys grap and precc furth and repo cond relat expl of tri writt displ pres evid

ables asurements	plan variables measurements
uracy	accuracy
cision	precision
eat readings	repeat readings
ord data –	record data – scientific
ntific diagrams,	diagrams, labels,
els, classification	classification keys,
, tables, scatter	tables, scatter graphs,
ohs, bar graph	bar graph and line
line graphs	graphs
dications	predications
her comparative	further comparative
fair test	and fair test
ort and present –	report and present –
clusions, casual	conclusions, casual
tionships,	relationships,
anations, degree	explanations, degree
ust, oral and	of trust, oral and
en	written
lay and	display and
entation.	presentation.
ence – support,	evidence – support,
te ideas or	refute ideas or
uments	arguments

				\sim				
					systematic	systematic	identify, classify and describe	identify, classify and describe
							patterns	patterns
							systematic	systematic
				Plants				
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants			To identify and name a variety of common wild and garden plants, including deciduous and evergreen trees To identify and describe the basic structure of a variety of common flowering plants, including trees.	To observe and describe how seeds and bulbs grow into mature plants To find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	To identify and describe the functions of different parts of flowering plants (i.e roots, stem/trunk, leaves and flowers). To 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. To investigate the way in which water is transported within plants. To explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.		To describe the life process of reproduction in some plants.	To give reasons for classifying plants based on specific characteristics.
Vocabulary			Names of common plants and trees such as grass, daisy, dandelion, daffodil, rose, oak tree, willow tree,	bulb seed shoot root	petals sepals stamen pollen		sexual reproduction asexual reproduction cells	
			I TIL TREE ICHOOSE	aermination	Istiana	1	Imale	

	appropriately for our grounds) deciduous conifer flower petals stem/stalk leaf roots	Not Year 3 content of plant reproduction. Limit to parts needed for growth.	ovary pollination dispersal absorb evaporation	ferr
	trunk branch twig Just the structure not the functions			
Depth of Learning	Describe the difference between deciduous and evergreen. Use information they have gathered to answer a question. Suggest a way to answer a question using the equipment that has been provided.	Explain that different plants have different needs. Compare the growth of different plants. Give reasons for their answers. Use observations to suggest conditions that food crops need to grow well	To explain the importance of plants on life. What do they provide? How does this help all life?	

Animals, including humans

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	
Animals, including humans			To identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals To identify and name a variety of common animals that are carnivores, herbivores and omnivores To describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds	To notice that animals, including humans, have offspring which grow into adults To find out about and describe the basic needs of animals, including humans, for survival (water, food and air) To describe the importance for humans of exercise, eating the right amounts of different	To 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. To Identify that humans and some other animals have skeletons and muscles for support,	To identify the different types of teeth in humans and their simple functions. To describe the simple functions of the basic parts of the digestive system in humans. To construct and interpret a variety of food chains, identifying	To d cha deve

nale	
	Through observations, group different plants according to characteristics. Understand that they can fit into more than one category.
Year 5	Year 6
describe the anges as humans velop to old age.	To identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.
	To recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
	To describe the ways in which nutrients

	and mammals, including pets) To identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	types of food, and hygiene.	protection and movement.	producers, predators and prey.		and water are transported within animals, including humans.
Vocabulary	Common examples such as frog, toad, rabbit, fox, blackbird, robin, bluetit, snake, shark, trout. Dog, cat, goldfish, parrot etc carnivore omnivore herbivore fur, scales, skin, claws, teeth, legs, paws, gills, smell sight touch hearing taste head, neck, shoulders, arms, elbows, knees, face, ears, eyes, hair, mouth, teeth Teach <u>the names of a mix</u> of different vertebrates but don't teach classifying with formal names such as amphibian etc. The aim is that the children can NAME a wide variety of common animals and describe them but not <u>classify</u> according to characteristics	pairs of animals such as cow - calf sheep - lamb pig - piglet survival hygiene	nutrition protein fat carbohydrate vitamins minerals fibre skeleton skull cranium jaw spine pelvis femur humerus radius ulna tibia fibia phalanges ribs	incisor canine premolar molar tongue enzyme oesophagus stomach small intestine large intestine rectum anus producer predator prey	breasts hormones period pubic hair fertile ovary	heart vein artery capillary aorta vena cava pulmonary artery pulmonary vein atrium ventricle lungs alveoli platelets white blood cells red blood cells
Depth of Learning	To describe and compare the observable features of animals from a range of groups and apply this knowledge to unfamiliar animals from different groups, explaining the	To identify and match a wide range of animal offspring and their adult forms. They can describe, in detail, the key	To identify the importance of the skeleton and all of its functions. Can a link be made as to why some animal don't have	To observe and compare the human teeth to other predatory animals. Are there similarities and		To describe the impact of lifestyle on the body. They can describe the negative and positive impacts of a variety of factors.

features they would expect	characteristics of the	skeletons? Is there a	differences? Can	
to see.	offspring found in	reason for this?	they explain why.	
	different animal		, , , ,	
To name and identify	groups			
animals that are herbivore,				
carnivore or omnivore and	To name the three			
explain what they eat.	basic needs of all			
	animals to survive.			
	They can describe			
	the specific needs of			
	a given animal and			
	compare this to			
	humans.			

				Seasonal change	25		
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	
Seasonal changes			To observe changes across the four seasons To observe and describe weather associated with the seasons and how day length varies				
Vocabulary			Autumn Winter Spring Summer season weather				
Depth of Learning			To interpret and identify patterns in simple data and begin to suggest explanations for this To explain seasonal changes across the four seasons To describe how day length varies across the four seasons To make comparison across the four seasons				
			Liv	ving things and their h	nabitats		

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	

Year 6
Year 6

Living things and	To explore and	To describe the To descri	be how
their habitats	compare the	differences in the living thin	ngs are
	differences	life cycles of a classified	into broad
	between things	mammal an aroups a	ccording to
	that are living	amphibian an common	observable
	dead and things	insect and a bird	aristics and
	that have never	hard or	similarities
	Deen	To describe the life and diffe	rences,
	dive	process of Including	, .
		reproduction in microorg	anisms,
	To identify that	some plants and plants and	id animals.
	most living things	animals.	
	live in habitats to	To give re	easons for
	which they are	classifying	g plants and
	suited and	animals b	based on
	describe how	specific	
	different habitats	characte	eristics.
	provide for the		
	basic needs of		
	different kinds of		
	animals and		
	plants, and how		
	they depend on		
	each other		
	To identify and		
	name a variety of		
	plants and animals		
	in their habitate		
	including		
	mierebebitete		
	Thicronabilais		
	TO describe now		
	animais obtain		
	their food from		
	plants and other		
	animals, using the		
	idea of a simple		
	tood chain, and		
	identify and name		
	different sources of		
	food.		
Vocabulary	alive	pregnancy kingdom:	S
	dead	gestation fungi	
	never living	embryo protozoa	1 /
	extinct	metamorphosis protoctis	ta
	habitat	chrysalis monera ((bacteria)
	suited/suitable	aerobic	
	food	angerobi	ic
	enerav		-
	names of babitats		
1			

				wood forest			
				seasnore, river,			
				ocean, town			
				microhabitats –			
				soil logs pond			
				soli, iogs, poria			
				Not the terms			
				producer predator			
				prov			
				prey			
Depth of Learning				To identify a variety			Toic
Depin of Learning				of plants and			
				animals in a range of			Cyc
							mar
				nabitats.			amp
				To use information,			Tab
				they have gathered			
				to suggest an			
				answer to a			anir
				question			mar
				question.			
							am
				To suggest why the			
				plants in a habitat			
				need the animals.			
				Pooks			
				Rocks			1
	Nursery	Reception	Year 1	Rocks Year 2	Year 3	Year 4	
Bocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple torms how	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from rocks and organic	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from rocks and organic	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from rocks and organic matter.	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from rocks and organic matter. igneous	Year 4	
Rocks	Nursery	Reception	Year 1	Rocks Year 2	Year 3 To compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. To describe in simple terms how fossils are formed when things that have lived are trapped within rock. To recognise that soils are made from rocks and organic matter. igneous metamorphic	Year 4	

					1			
					magma cast mould fossil deposit mineral soil humus			
					clay			
					loam			
Depth of Learning								
				Light	· · · · · · · · · · · · · · · · · · ·			
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Light					To recognise that they need light in order to see things and that dark is the absence of light. To notice that light is reflected from surfaces. To recognise that light from the sun can be dangerous and that there are ways to protect their eyes. To recognise that shadows are formed when the light from a light source is blocked by an opaque object. To find patterns in the way that the size of shadows change.			To recognise that light appears to travel in straight lines. To 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. To 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. To use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them
Vocabulary					reflection opaque transparent translucent			cornea retina iris pupil

		1			1			
Depth of Learning					To start to make observations about how light is travelling when it is reflected. To observe how the power of the light source impacts the shadow.			To clearly describe the functions of the eye when light enters. To explain the difference between light being reflected and refracted.
				Forces and magn	nets			
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Forces and magnets					To compare how things move on different surfaces. To notice that some forces need contact between two objects, but magnetic forces can act at a distance. To observe how magnets attract or repel each other and attract some materials and not others. To 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. To describe magnets as having two poles.		To explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. To identify the effects of air resistance, water resistance and friction that act between moving surfaces. To recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	

					To predict whether		
					two magnets will		
					attract or repel		
					each other		
					depending on		
					which poles are		
					facing.		
Vocabulary					pole		grav
-					attract		air re
					repel		frictio
							wate
							wuie
							mec
Depth of Learning					To relate their		
Depin of Learning					knowledge of how		
					knowledge of now		
					magnets attract or		
					repel to a wide		
					variety of materials.		
					They can make		
					predictions as to		
					whether they will		
					whether they will		
					affract or repel.		
				States of matte	r		
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	
States of matter						To compare and	
						aroup materials	
						together according	
						to whether they are	
						To whether they die	
						solias, liquias or	
						gases.	
						To observe that	
						some materials	
						change state when	
						they are heated or	
						coolea, ana	
						measure or	
						research the	
						temperature at	
						which this happens	
						in degrees Celsius	
						(°C)	
						To identify the part	
		1	1				1
						played by	
						played by	
						played by evaporation and	
						played by evaporation and condensation in the	

vity	
esistance	
ion	
er resistance	
chanism	
	1
X	No. and
Year 5	Year 6

Vocabulary						associate the rate of evaporation with temperature.		
vocabolary						condensation melting freezing state Celsius		
Depth of Learning						To explain what the differences are between solid, liquid and gases.		
						knowledge to describe what happens to the particles when a substance changes state.		
				Sound				
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Sound	Nursery	Reception	Year 1	Year 2	Year 3	Year 4 To identify how sounds are made, associating some of them with something vibrating. To recognise that vibrations from sounds travel through a medium to the ear. To find patterns between the pitch of a sound and features of the object that produced it. To find patterns	Year 5	Year 6

		the vibrations that produced it.	
		To recognise that sounds get fainter as the distance from the sound source increases.	
Vocabulary		frequency pitch volume vibration amplitude wave longitudinal vacuum oscillation volume	
Depth of Learning		To make links between sound and light and which one travels faster. Light in a straight line or sound on a curvature.	
	Electricity		

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Electricity						To Identify common appliances that run on electricity To construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers To Identify whether or nota Iamp will light in a simple series circuit, based on whether or not the Iamp is part of a complete loop with a battery To Recognise that a switch opens and closes a circuit and associate this with whether or not a Iamp lights in a simple series circuit		To associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. To 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.

			-			T D :		
						common conductors and		To use recognised
						insulators, and associate metals with being good		symbols when
						conductors		representing a
								simple circuit in a
								diagram.
Vocabulary								voltage
								current
								resistance
Dopth of Lograing								To croato a
Depin of Learning								
								with more than one
								light or buzzer
								To understand that a
								greater power
								source will be
								needed.
			Dres	and a sure a sure as a	f waarda waala			
			Prop	bernes and changes o	i materiais			
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Properties and			To distinguish between an	To identify and			To compare and	
changes of			object and the material from	compare the			aroup together	
materials			which it is made	suitability of a variety			everyday materials	
			To identify and name a	of everyday			on the basis of their	
			variety of everyday	materials, including			properties, including	
			materials, including wood,	wood, metal, plastic,			their hardness,	
			plastic, glass, metal, water,	glass, blick, lock,			solubility,	
			did lock	cardboard for			transparency,	
			To describe the simple	particular uses			conductivity	
			physical properties of a				(electrical and	
			variety of everyday materials	To find out how the			thermal), and	
				shapes of solid			response to	
			To compare and group	objects made from			magnets.	
			together a variety of	some materials can				
			basis of their simple physical	be changed by			To know that some	
			properties	twisting and			materials will	
				stretching.			dissolve in liquid to	
				<u> </u>			form a solution, and	
							describe how to	
							recover a	
							substance from a	
							solution.	
							To use knowledge	
							of solids, liquids and	
							agses to decide	
							how mixtures might	
				1		1	List inwisios ingli	

		•••••	<u> </u>			
					be separated, including through filtering, sieving and evaporating. To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. To demonstrate that dissolving, mixing and changes of state are reversible changes. To 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	
Vocabulary		flexible waterproof absorb	squash bend twist		soluble dissolve	
Donth of Lograing		hard transparent	stretch suitable Remind children of materials encountered in year 1 and the vocab used to describe the properties. The focus in Year 2 is suitability for purpose and changing a material		conductivity reversible	
Depin of Learning		properties of everyday materials. Make a prediction and suggest a reason. Suggest how a	observations, ideas and experiences to ask and answer simple questions.			

			simple test could be made fair. Explain an outcome and suggest reasons for it.					
	Earth and space							
	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Earth and space							To describe the movement of the Earth, and other planets, relative to the Sun in the solar system.To describe the movement of the Moon relative to the Earth.To describe the Sun, Earth and Moon as 	
Vocabulary							sun across me sky. sun moon solar stellar lunar gibbous crescent satellite planet names of planets cycle dawn dusk perpendicular eclipse impact crater aravity	

	r	1	1	V	1	1	1	1
Depth of Learning								
	Evolution and inheritance							
	Nurson	Pecention	Vegr 1	Year 2	Vegr 3	Year 4	Year 5	Vogr 6
	Noisery	Reception	rear		Tedi 5		Teur 5	rearo
Evolution and inheritance								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. To recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. To identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.
Vocabulary								evidence extinction extinct adaptation suitability selective advantage fossil record evolution natural selection gene DNA chromosome egg sperm identical / fraternal

Depth of Learning							

To make links with evolution and the fact we are still evolving and adapting to our environment.
To describe how different humans have evolved across the world to live in different climates.