## **Working Scientifically**



Year One and Two	Year Three and Four
WS1: asking simple questions and recognising that they can be answered in different ways	WS1: asking relevant questions and using different types of scientific enquiries to answer them
WS2: observing closely, using simple equipment	WS2: setting up simple practical enquiries, comparative and fair tests
WS3:performing simple tests	WS3: making systematic and careful observations and, where appropriate, taking accurate measurements using standard units,
WS4: identifying and classifying	using a range of equipment, including thermometers and data loggers
WS5: using their observations and ideas to suggest answers to questions	WS4:gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
WS6:gathering and recording data to help in answering questions	WS5:recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
	WS6: reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and
	conclusions
	WS7:using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further
	questions
	WS8:identifying differences, similarities or changes related to simple scientific ideas and processes
	WS9:using straightforward scientific evidence to answer questions or to support their findings

# Science

#### **Plants Overview**



K	nowledge and underst	tanding of the world		Year One		
Nursery Reception		National curriculum objectives:				
(30-50):  Can talk about some of the things they had natural and found objects.	Abjectives  Abjectives  Actualed features of objects in their environment.  Actual about some of the things they have observed such as plants, arral and found objects.  Beloping an understanding of growth, decay and changes over time.  Actual and found objects.  Actual and found objects and down environments might vary from one another. They make observations of plants and explain why some things occur and talk about changes.		<ul> <li>identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</li> <li>identify and describe the basic structure of a variety of common flowering plants, including trees</li> <li>WS2: observing closely, using simple equipment</li> <li>WS4: identifying and classifying</li> <li>WS5: using their observations and ideas to suggest answers to questions</li> </ul>			
Key Knowledge: Plants are living things Plants grow and they die		Key Knowledge: Plants are the same and different Cause and effect – I water a plant and it grows		Key Knowledge: Basic structure of a plant/tree: Plant Structure Name common trees/plants: identifying and naming		
Key Vocabulary: Tree, living, dead, flower, season, texture, mud, colour, sharp, spiky, smooth, crunchy, sticky, rough, soft, hard, smell	Topic/½ term: Aut 2- Tricks and Sticks	Key Vocabulary: Fruit, grow, plant, vegetable, seed, plant, decay, leaves, earth, flowers  Topic/½ term: Sum 1- Be Happy, Be Healthy		Key Vocabulary:  Deciduous, evergreen, environment, leaf, petals, blossom, fruit, roots, bulb, seed, trunk, branches, stem, conker, bark Trees: Oak, Sycamore, Lime, Spruce, Cypress, Holly, Horse chestnut, pine  Plants: Primrose, strawberry, Red Campion, daffodil, Bluebell, wild garlic, bramble, snowdrop, foxglove, buttercup, wood sorrel, gorse		Topic/½ term: Sum 1- Enchanted Woods Sc P 1 & 2 WS 2, 4, 5
Year Two	)		Year Three		Υ	ear Four

National curriculum objectives:		National curriculum objectives	:		
•	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. WS1: asking relevant questions and using different types of scientific enquiries to answer them WS2: setting up simple practical enquiries, comparative and fair tests				
Key Knowledge: How seeds and bulbs grow into plants: germination what plants need to grow: Survival	How seeds and bulbs grow into plants: germination and growth		Key Knowledge: Key functions of plant parts: Structure and function How water is transported in plants: Transportation Plant life cycle		
Key Vocabulary:	Topic/½ term:	Key Vocabulary:	Key	Topic/½ term:	
germination, growth and survival, seed, bulb, reproduction, bud, foliage, germinate, herb, poisonous, rainforest, scent, seed, shoot, weed	Spr 2- Habitats Sc p 1 & 2 WS: 2, 4, 5, 6	Nutrients, pollination, seed formation, seed dispersal, transportation, nutrition, air, light, water, soil, trunk	Vocabulary:		

### Materials, Rocks and States of Matter Overview



Knowledge and Understanding of the World				Year One		
Nursery Reception						
EYFS Objectives (22-36)  Notices detailed features of objects in their environment.  EYFS Objectives (30-50):  Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.  Can talk about some of the things they have observed such as plants, animals, natural and found objects.		EYFS Objectives 40-60  Looks closely at similarities, differences, patterns and change.  Early Learning goal: Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another.  Exceeding ELG They know the properties of some materials and can suggest some of the purposes they are used for. They are familiar with basic scientific concepts such as floating, sinking, experimentation.		National curriculum objectives:  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.  WS1: asking simple questions and recognising that they can be answered in different ways WS3:performing simple tests  WS5: using their observations and ideas to suggest answers to questions  WS6:gathering and recording data to help in answering questions		
<b>Key Knowledge:</b> Know the names of a variety of different familiar objects Say what they have observed in their natural environment		Key Knowledge/skills:  Be able to name different natural and man-made objects  Say how materials are similar and different from one another		Key Knowledge/skills:  Name what material things are made from (inc. wood, plastic, glass, metal, rock etc.)  Sort and group materials on the basic of scientific properties  Use simple adjectives to describe a material – Describing		
Key Vocabulary: Similar, different, big – small, hard-soft, bumpy – smooth, round-straight, round, squishy, wet, dry, cold, hot, crunchy, smooth	Topic/½ term: Aut 2- Tricks and Sticks Spr 2- Tbc	Key Vocabulary:  Similar, different, gigantic – tiny, firm-soft, bumpy – smooth, curved-straight, squishy, damp, crispy, arid, cold, hot, crunchy, smooth, floating, sinking, heavy light  Topic/½ term:  Spr 2- One the Farm Sum 1- Be Happy, Be Healthy Sum 2- Beside the Seaside		Key Vocabulary: Wood, metal, plastic, glass, water, plastic, smooth, rough, hard, soft, clear, bendy, not bendy, material, object, properties	Topic/½ term: Aut 1- Take Off: Sc Em 3, EM 2, EM 4. WS: 1, 3, 5, 6 Spr 1- Lively London: SC EM 1. WS: 5	
Year Two		Year Three		Year Four		

National curriculum objectives:		National curriculum objectives:		National curriculum objectives:		
<ul> <li>identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</li> <li>find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li> <li>WS2: observing closely, using simple equipment</li> <li>WS3:performing simple tests</li> <li>WS4: identifying and classifying</li> <li>WS5: using their observations and ideas to suggest answers to questions</li> <li>WS6:gathering and recording data to help in answering questions</li> </ul>		compare and group together different kinds appearance and simple physical properties     describe in simple terms how fossils are form trapped within rocks     recognise that soils are made from rocks and WS2: setting up simple practical enquiries, compar. WS4:gathering, recording, classifying and presentin answering questions     WS5:recording findings using simple scientific languages, bar charts, and tables     WS6: reporting on findings from enquiries, includin displays or presentations of results and conclusions     WS7:using results to draw simple conclusions, mak improvements and raise further questions     WS8:identifying differences, similarities or changes processes	l organic matter. ative and fair tests ag data in a variety of ways to help in uage, drawings, labelled diagrams, ag oral and written explanations, a periodictions for new values, suggest	compare and group materials together, according to whether they are solids, liquids or gases observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature WS2: setting up simple practical enquiries, comparative and fair tests WS3: making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers WS5:recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables WS6: reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions WS7:using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions		
Key Knowledge:		Key Knowledge:		Key Knowledge:		
Know the property of a material can change when	it is squashed, bent, twisted or	Know the three different types of rock: Igneous, metamorphic, sedimentary		Know what a solid, liquid and a gass are: matter		
stretched		Be able to explain the process of how fossils are formed		Be able to measure temperature in (°C): <b>Temperature</b>		
Explain how a material is suitable/not suitable for	T ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	Know and describe how soil is made: decomposition		Know and describe the terms evaporation and condensa	tion in relation to the water cycle	
Key Vocabulary:	Topic/½ term:	Key Vocabulary:	Topic/½ term:	Key Vocabulary:	Topic/½ term:	
Suitability, change, squash, bend, stretch,	Aut 2- Marvellous Mixtures: Sc	Grains, crystals, fossils, sedimentary, rock,	Sum 1- Natural Disasters: Sc R 1	Condense, evaporate, boil, bubble, evaporate, freeze,	Spr 2- Perfect Potions: Sc SM1 WS:	
twist, solid, waterproof, durability, insulation,	EM 2. WS: 2, 3, 5, 6	igneous, metamorphic, decomposition, decay,	WS: 2, 8	gass, liquid, heat, cool, melt, molecule, process,	2, 3, 5, 6, 7	
Opaque, translucent, transparent, malleable	Spr 1- Tunnels and Towers: Sc	micro	Sum 2- The World of Rivers: Sc R 3	properties, solid, state, temperature, thermometer,	Spr 1- Mighty Mountain: Sc sm2,	
	EM 1 WS: 4, 3		WS: 2,4,6,7	viscosity.	sm3 WS: 2,5	
			Spr 2- Predatory Animals and			
1			Plants: Sc R2 WS: 4, 5, 6,			

## **Animals including humans Overview**



Knowledge and unders	tanding of the world	Year One
Nursery  EYFS Objectives (22-36):  Notices detailed features of objects in their environment  EYFS Objectives (30-50):  Can talk about some of the things they have observed such as plants, animals, natural and found objects.  Talks about why things happen and how things work.  Shows care and concern for living things and the environment.	Reception  EYFS Objectives 40-60 Looks closely at similarities, differences, patterns and change Early Learning goal:  ELG—Children know about similarities and differences in relation to places, objects, materials and living things.  Exceeding ELG  Children know that the environment and living things are influenced by human activity.	National curriculum objectives:  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 Science  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.  WS2: observing closely, using simple equipment WS3:performing simple tests WS4: identifying and classifying WS5: using their observations and ideas to suggest answers to questions WS6:gathering and recording data to help in answering questions
Key Knowledge:  Be able to name some familiar animals: (including farm animals, domestic animals and birds)  Name basic animal and human parts: (including head, eyes, ears, nose, mouth, shoulders, neck, stomach, legs, elbows, hands, knees, feet, toes, fingers)	Key Knowledge/skills: Compare and name a range of animals (e.g jungle animals, animals that live in the ocean, safari animals, types of birds etc.) Name animals and their offspring (including cow – calf, pig – piglet, mother-baby, cat – kitten etc.) Know how we can treat animals carefully and be safe/hygienic around them too	Key Knowledge/skills: Identify an animal is a carnivore, herbivore or omnivore from their physical appearance. Group animals into different species using classification data Name the senses used by human and their associated body part

Key Vocabulary: Animal, tail, wing, head, ears, snout, eyes, hoof, claw, p beak, fin, trunk, mane, mouth, neck, arms, shoulders, k toes, nose,		Key Vocabulary: Similar, different, teeth, jaws, claws, chew, parent, baby, goat – kid, cow-calf, pig-piglet, gentle, care	Topic/½ term: Spr 2- On the Farm Sum 2- Beside the Seaside	Carnivore, herbivore, omnivore, fish, amphibian, reptile, bird, mammal, pet, physical, appearance, classification, species, size, pattern, colouring, features, variation,	Fopic/½ term:  Spr 2- Astonishing Animals:  Sc A1, 2, 3 WS: ,3 4, 6  Sum 2- To the Rescue : Sc a4  NS: 5
Year Two		Year Three		Year Four	
National curriculum objectives:  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)  National curriculum obje  identify that animals, including humans, for what they can what they eat				National curriculum objectives:  describe the simple functions of the basic parts of the diges identify the different types of teeth in humans and their sin construct and interpret a variety of food chains, identifying prey.  WS2: setting up simple practical enquiries, comparative and fair to WS3: making systematic and careful observations and, where app measurements using standard units, using a range of equipment, data loggers  WS4:gathering, recording, classifying and presenting data in a var answering questions  WS5:recording findings using simple scientific language, drawings bar charts, and tables  WS8:identifying differences, similarities or changes related to sim processes	pple functions producers, predators and ests rropriate, taking accurate including thermometers and iety of ways to help in , labelled diagrams, keys,
Key Knowledge:  Know the basic needs of animals: water, food, air  Know that animals grow and change and describe a bas  Be able to describe how to keep our bodies healthy	ic life cycle	Key Knowledge: Know and describe different animals nutritional needs: Diet Recognise and describe the function of a skeleton:		Key Knowledge:  Describe the digestive system using key vocabulary  Be able to name the different types of teeth and their functions  Know what would happen to a food chain if one of the parts became unavailable:	
Key Vocabulary: Water, food, air, offspring, child, adult, nutrition, exercise, breathe, food, hygiene, holometabolous, egg, larval, pupa,	Topic/½ term: Spr 2- TBC: Sc a1, Sc a2 WS: 2, 3,4, 5 Sum 1- Movers and Groovers: Sc a3 WS: 3, 4, 5, 6	Key Vocabulary: Nutrition, diet, skeleton, muscle, support, protection, movement, domestic, wild, predatory, digestive, abdomen, skull, ribs, spine, vertebrae, pelvis, femur, tibia, humerus, ulna, radius, organs, blood	Topic/½ term:  Spr 2- Predatory Animals and Plants: Sc a1, a2 WS: 4, 5	Key Vocabulary: Endoskeleton, exoskeleton, milk teeth, adult teeth, molars, incisors, calcium carbonite, enamel, decay, canines, premolars, pulp, blood vessels, dentine, nerve, Maxilla, Mandible, papillae, uvula, saliva, amylase, lipase, chopping, tearing, grinding, filling, floss, gum, nerve, oesophagus, rectum, abdomen, absorb, bolus, bowel, colon, dissolve, enzyme, faeces, saliva, amylase, lipase, gizzard, large and small intestine, producers, predators, prey, consumer	Topic/½ term: Sum 1- Our Brilliant Bodies: Sc a1, a2 WS: 2, 3, 4, 5,9, 8, Sum 2- The Deep Blue Sea: SC a3 WS: 5

#### Physics: Light, sound, forces and electricity



#### **Year Three Year Three Forces and Magnets** Light National curriculum objectives: National curriculum objectives: Recognise that they need light in order to see things and that dark is the absence of light Compare how things move on different surfaces notice that light is reflected from surfaces Notice that some forces need contact between two objects, but magnetic forces can act at a distance recognise that light from the sun can be dangerous and that there are ways to protect their eyes Observe how magnets attract or repel each other and attract some materials and not others recognise that shadows are formed when the light from a light source is blocked by an opaque object Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some find patterns in the way that the size of shadows change. magnetic materials WS3: making systematic and careful observations and, where appropriate, taking accurate measurements using standard Describe magnets as having two poles units, using a range of equipment, including thermometers and data loggers Predict whether two magnets will attract or repel each other, depending on which poles are facing WS4:gathering, recording, classifying and presenting data in a variety of ways to help in answering questions WS1: asking relevant questions and using different types of scientific enquiries to answer them WS5:recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables WS2: setting up simple practical enquiries, comparative and fair tests WS7:using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further WS3: making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers WS8:identifying differences, similarities or changes related to simple scientific ideas and processes WS6: reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions WS9:using straightforward scientific evidence to answer questions or to support their findings WS7:using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions WS8:identifying differences, similarities or changes related to simple scientific ideas and processes WS9:using straightforward scientific evidence to answer questions or to support their findings

Key Knowledge: Know that Darkness is the absence of light Be able to explain how UV rays from the sun can damage your eyes Know that shadows are formed when the light is blocked by an opaque object	Key Knowledge: Understand what 'magnetic means' and be able to sort magnetic and non-magnetic materials Know what a force is Can describe magnetic attraction					
Key Vocabulary: Light source, light reflector, long exposure, dim, bright, dark, high visibility, reflection,	Topic/½ term: Aut 1 Stones and Bones: SC L	Key Vocabulary:  Push, pull, gravity, friction, contact force, non-contact force, magnetic, datalogger, magnetic  Aut 2 – Forces, Magnets				
shadow, solar, ultraviolet, opaque	1-5 WS: 3,4,5,7, 8,9	attraction, poles, repulsion, opposites, same, magnetic field.		FM 1 -6 WS: 1,2,3,6,7,8,9		
Year Four		Year Fo	our			
Sound		Electric	city			
<ul> <li>identify how sounds are made, associating some of them with something vibrating recosounds travel through a medium to the ear</li> <li>find patterns between the pitch of a sound and features of the object that produced it</li> <li>find patterns between the volume of a sound and the strength of the vibrations that precognise that sounds get fainter as the distance from the sound source increases</li> <li>WS3: making systematic and careful observations and, where appropriate, taking accurate munits, using a range of equipment, including thermometers and data loggers</li> <li>WS5:recording findings using simple scientific language, drawings, labelled diagrams, keys, bws7:using results to draw simple conclusions, make predictions for new values, suggest imprequestions</li> <li>WS8:identifying differences, similarities or changes related to simple scientific ideas and process.</li> </ul>	roduced it easurements using standard ar charts, and tables ovements and raise further	<ul> <li>identify common appliances that run on electricity</li> <li>construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</li> <li>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</li> <li>recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</li> <li>recognise some common conductors and insulators, and associate metals with being good conductors.</li> <li>WS2: setting up simple practical enquiries, comparative and fair tests</li> <li>WS3: making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers</li> <li>WS4:gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>WS5:recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</li> <li>WS6: reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</li> <li>WS7:using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</li> <li>WS8:identifying differences, similarities or changes related to simple scientific ideas and processes</li> </ul>				
Key Knowledge:  Demonstrate and describe how pitch can be altered (link to music)  Know how sound travels through the inner ear  Understand that sounds are vibrations	Key Knowledge: Know how to make a simple circuit Know and understand what a conductor and insulator is Knows the role of a switch in opening and closing a circuit					
<b>Key Vocabulary:</b> Acoustic, ballad, beat, volume, pitch, sound, decibel, sound meter, vibration, larynx, stereo, tympanic membrane, ear canal, pinner, cochlea, outer ear, ossicles, sound insulation	Key Vocabulary: Electrical, cells, batteries, wires, circuits, lamp, conductor, insulator, LED, buzzers, switch  Topic/½ term: Aut 2- Awesome America: SC E 1-5 WS: 2,3,4,5,6,7 8					

## Living things and their habitats and seasonal changes overview



Nursery	Reception	Year One
EYFS Objectives (22-36):  Notices detailed features of objects in their environment  EYFS Objectives (30-50):  Shows care and concern for living things and the environment  Comments and asks questions about aspects of their familiar world ie the natural world  Can talk about some of the things they have observed such as plants, animals	EYFS Objectives (40-60):  Looks at similarities, differences, patterns and change.  Early Learning goal:  Children will talk about features of their own environment and how they might varythey make observations of animals and plants and explain why some things occur, and talk about changes.	National curriculum objectives:  Observe changes across the four seasons  Observe and describe weather associated with the seasons and how day length varies.  WS2: observing closely, using simple equipment  WS3:performing simple tests  WS5: using their observations and ideas to suggest answers to questions  WS6:gathering and recording data to help in answering questions
Key Knowledge: Know that plants and animals are alive Know that animals and humans live differently	Key Knowledge: Can name different environments where animals in the UK live Can talk about which animals live alone and which live in groups	Key Knowledge:  Name and describe key weather features associated with each season  To describe how seasonal changes affect humans and animals.

Key Vocabulary: Alive, dead, flower, grow, plants, animal, egg, mud, seed wood, forest, water, pond, lake, sea, weather, wind, sur rainbow, rain		Bulb, house chang	Vocabulary: soil, farm, forest, trees, sea, pond, e, burrow, hive, badger set, ant hill, ge, seasons, seashore, forest, home, windmill	Topic/½ term: Aut 2- Sweet Dreams Spr 1- Once Upon a Time Spr 2- On the Farm Sum 1- Be Happy Be Hea Sum 2- Beside the Seasid	lthy	Key Vocabulary: Drought, flood, lightning, temperature, sunshine, thermometer, thunder, anemometer, aerial, hibernation	Topic/½ term: TBC: Sc 1, SC2 WS: 2 5, 6 3
Year Two			Year Thre	e		Year Four	
National curriculum objectives:  Identify and name a variety of plants and animals habitats.  Identify that most living things live in habitats to v different habitats provide for the basic needs of d and how they depend on each other.  Describe how animals obtain their food from plan a simple food chain, and identify and name differ WS1: asking simple questions and recognising that they WS2: observing closely, using simple equipment WS3:performing simple tests WS4: identifying and classifying WS5: using their observations and ideas to suggest answ	National curriculum objectives:  als in their habitats, including micro- to which they are suited and describe how of different kinds of animals and plants,  lants and other animals, using the idea of ferent sources of food.  ey can be answered in different ways  National curriculum objectives:  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 local and wider environment.  Recognise that environments can change and that this can sometimes pose dang WS1: asking relevant questions and using different types of scientific enquiries to answ WS2: setting up simple practical enquiries, comparative and fair tests  WS3: making systematic and careful observations and, where appropriate, taking accuusing standard units, using a range of equipment, including thermometers and data log WS4:gathering, recording, classifying and presenting data in a variety of ways to help in questions  WS5:recording findings using simple scientific language, drawings, labelled diagrams, keep to the properties of the properties		mes pose dangers to living things. quiries to answer them  te, taking accurate measurements rs and data loggers ways to help in answering  ed diagrams, keys, bar charts, and				
Key Knowledge:  Describe how each animal is suited to their habitat (seashore, woodland, ocean, rainforest, desert, polar, urban, costal, pond)  Describe how animals and plants depend on each other - food chains  Can sort and classify items into living, dead or were never alive		t,			non- flowing p Describe how t	ings using scientific classification (including: vertebrate, in	throughout the year
Key Vocabulary: Mirco habitats, classification, food chain, habitat,	Topic/½ term: Spr 2- Habitats - LT 2, 3 and 4. WS	i:	Key Vocabulary: Environment, abyss, adaptation, algae, annelid, aquarium, aquatic,				Topic/½ term: The Deep Blue Sea Sum 2

LT1,2 and 3

arthropod, bioluminescent, cnidarian, consumer, coral, crustacean,

specimen, tide, tropical, reef,

current, diversity, echinoderm, marine, mollusc, oceanography, polyp,

amphibians, reptiles, birds and mammals, invertebrates snails, slugs

hive, colony, metamorphosis, life cycle, minibeast,

mammal, ocean, pollution

microscope, species, living, dead, specimen, burrow,

1,2,3,4,5

4,3

Spr 1 God and Mortals LT2, LT3 WS: