Terms	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Terms Year 1	Autumn 1         Everyday Materials (S)         1. Identify and name a range of materials (wood, plastic, glass, metal, water and rock)         2. Classifying and grouping according to a range of physical properties         3. Compare and group together a variety of everyday materials based on physical properties         Can they         Distinguish between object and material made from;         Describe materials using senses, using scientific vocabulary         Explain why material might be used         Explain how solid shapes can change         Challenge: Can they         Describe similarities and differences between materials?         Explain what happens to certain materials when heated?         Explain what happens to materials when heated?	Autumn 2 Seasonal Changes (S) 1. Features of day and night including temperature 2.Weather, associated with seasons Can they Observe changes across the four seasons? Observe and describe weather associated with the seasons and how day length varies? Observe features in the environment and explain that these are related to specific seasons? Talk about weather variation in different parts of the world? Challenge: Can they Explain why does it get darker earlier in winter? Or How do the seasons impact on what we do?	Spring 1Humans. Identification andlabelling a variety ofcommon animals (fish, amphibians,reptiles, birds andmammals)2. Know and classifycarnivores, herbivoresand omnivores3. How to care for pets4. Name parts of thehuman bodyCan theyPoint out differencesbetween differentanimals?Sort photographs ofliving and non-livingthings?Identify and name avariety of commonanimals?Can they draw & labelbasic parts of thehuman body?Challenge: Can theyClassify animalsaccording to a numberof given criteria?	<ul> <li>Spring 2</li> <li>Animals <ol> <li>Identification and labelling a variety of common animals (fish, amphibians, reptiles, birds and mammals)</li> <li>Know and classify carnivores, herbivores and omnivores</li> <li>How to care for pets</li> <li>Name parts of the human body</li> </ol> </li> <li>Can they Point out differences between different animals? Sort photographs of living and non-living things? Identify and name a variety of common animals? Can they draw &amp; label basic parts of the human body? Challenge: Can they Classify animals according to a number of given criteria? Name some parts of the human body that cannot be seen? Point out the differences between differences between living and non-living that cannot be seen? Point out the differences between differences between living and non-living that cannot be seen? Point out the differences between living and non-living that cannot be seen? Point out the differences between living and non-living things?</li></ul>	Summer 1 Plants(S) 1. Identify and name a variety of common, wild and green plants, including deciduous and evergreen trees. 2. Identify and describe the basic structure of a variety of common flowering plants, including trees. Can they Identify and label plants, including trees Describe the parts of a plant - roots, stem, flower, etc. Name the trunk, branches and root of a tree? Challenge: Can they Explain the function of roots, trunk and flowers? Name the petals, stem, leaf, bulb, flower, seed, stem and root of a plant? Sort some plants by those that can be eaten and those that cannot?	Summer 2         Investigative skills: (NS)         The Bad tempered Ladybird- mini beasts         1. Use of scientific equipment for observations using magnifying glasses; comparing and contrasting different mini beasts; describing, identifying and grouping; drawing, recording using measurements, graphs, charts or tables.         Can they         Find out by watching and give simple reason for answers?         Explain what they have found out using scientific vocabulary?         Record findings using standard units?         Put information in a chart or table?         Use ICT to show their working?         Record data and results         Challenge: Can they Identify different features of the different mini-beasts? Can they identify similarities?         Learn how to attract mini-beasts to an outdoor area e.g. technology garden, home garden, etc.         Understanding the importance of mini-beasts in the environment and why?         Use knowledge of seasonal changes affecting the min-beast?

		Name some par the human body cannot be seen? Point out the differences betw living and non-liv things?	that een ring			
	Autumn 1 Plants: (S)	Autumn 2 Animals, including humans (S)	Spring 1 Everyday Materials (S)	Spring 2 Plants- working	Summer 1 Sound (NS)	Summer 2 Living things, Habitats &
2	<ol> <li>What plants and seeds need to grow</li> <li>Growing from seeds and bulbs</li> <li>Observe and describe how seeds and bulbs grow into mature plants</li> <li>Find out and describe how plants need water, light and suitable temperature to grow and stay healthy</li> <li>Can they Carry out a Fair Test?</li> <li>Explain why it might not be fair to compare two things?</li> <li>Say whether things happened as they expected?</li> </ol>	<ol> <li>Exercise and healthy living</li> <li>What animals and humans need to survive</li> <li>Animals have offspring, which grow to be adults</li> <li>Can they Notice that animals, including humans, have offspring, which grow into adults.</li> <li>Find out about and describe the basic needs of animals, including humans for survival ( water, food and air)</li> <li>Describe why exercise, balanced diet and hygiene are important for humans?</li> </ol>	<ol> <li>Identify and compare the suitability of everyday materials</li> <li>Find out how the shapes of solid objects can change – squashing, bending, twisting &amp; stretching.</li> <li>Can they Describe the simple properties of a variety of everyday materials?</li> <li>Compare and group a variety of materials based on physical properties, using words</li> </ol>	<ul> <li>scientifically (S)</li> <li>1. Describe some of the life processes common to plants and animals. Including humans.</li> <li>2. Explain that plants grow and reproduce in different ways.</li> <li>3. Know that scientific enquiry involves asking questions, collecting evidence through observation and measurement.</li> <li>Can they</li> <li>Pose simple scientific</li> </ul>	<ol> <li>Observe and name a variety of sources of sound and hear with our ears.</li> <li>Recognise that sounds get fainter as the distance from the sound source increases.</li> <li>Can they Compare different sound sources and look for patterns?</li> <li>Carry out tests to find the best places to locate fire alarms at</li> </ol>	<ul> <li>Food Chains (S)</li> <li>1. Explore and compare differences between things that are living, dead and non-living.</li> <li>2. Identify and name a variety of plants and animals in their habitats, including microhabitats.</li> <li>3. Describe how animals obtain their food from plants and other animals.</li> <li>4. Using a food chain and identify and name different sources of food.</li> </ul>
	Suggest how to find things out? Use prompts to find things out? Use some scientific words to describe what they have seen and measured? Describe life processes common to plants and animals, including human beings? Describe how seeds and bulbs grow into plants? Describe what plants needs to grow and stay healthy?	Name the food groups and basic functions of each group? Describe the importance for humans of exercise, eating the right amount of different types of food, and hygiene. Identify animals and plants by a specific criterion, e.g. lay eggs or not; have feathers or not? Describe the cycle of some living things? E.g. egg, chick, chicken <b>Challenge:</b> Can they	like, transparent, opaque, flexible, etc.? Explain how materials are changed by heating and cooling? Tell which materials cannot be changed back after heating, cooling, bending, stretching or twisting? Classify and use methods to record observations or investigations?	questions? Compare several things? Organise things into groups? Use text, diagrams, charts, tables, etc. to record their observations? Research about items that make up the ingredients/ food a chef would need for a healthy meal? Write an invitation to a local chef?	home and in school? Perform simple tests to measure distances at which sound can and cannot be heard? e.g. make simple telephone Explain the function of the ear for hearing? <b>Challenge:</b> Can they	Can they Classify things according to whether they are living, dead or never alive. Record their findings using simple charts or tables? Create a food chain and explain what and examples of tertiary, primary and secondary consumers. Challenge: Can they

	Compare how plants grow in dif conditions by making measurer <b>Challenge:</b> Can they Use information from books and information to find things out? Explain that plants grow and rep in different ways from animals?	fferent ments? grouping ar explain the Use text, dia tables to re Can they de an athlete?	agrams, pictures, chart cord their observations esign a balanced diet fo	? about inven Dunlop, Mac	naterials are which are ? Find out tors e.g. ckintosh,	Challenge: Car Say what a che Where do they ingredients fro kind of food or ingredients? Design and ma healthy meal, invitation to im special guest t dinner?	ef does? get their m? What ake a write an vite a	Describe how many ways do we depend on sound in everyday life? Design and make a musical instrument with given specification?	Understand difference between a food chain and a food web? Create a food web and identify the roles of each consumer?
Year	3 Autumn 1	Autumn 2	Spring 1		Spring 2		Summ	ner 1	Summer 2
	<ul> <li>Animals - Including Humans (S)         <ol> <li>Identify and group animals with and without skeletons and observing and comparing their movement</li> <li>Explore ideas about what would happen if humans did not have skeletons</li> <li>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</li> <li>Identify parts that humans and some other animals have skeletons and muscles for support, protection and movement</li> </ol> </li> <li>Can they Explain the importance of a nutritious balanced diet?</li> <li>Describe how nutrients, water and oxygen are</li> </ul>	<ul> <li>Light and Shadows</li> <li>1. Recognise that then need light in order to a things and that darkin the absence of light</li> <li>2. Notice that light is reflected from surface</li> <li>3. Recognise that ligh from the sun can be dangerous and that thare ways to protect themselves</li> <li>3. Recognise that sha are formed when the from a light source is blocked by a solid obj</li> <li>4. explain the relation between the Sun and (in terms of lightning the moon)?</li> <li>Can they</li> <li>Explain why lights need be bright or dimmer explain the difference between transparent, translucent and opaqi Explain why lights need be bright or dimmer according to need? Make a bulb go on an</li> </ul>	y1.Understand and how does moving objectsee ess is2. Compare h on different siass3. Understand push or a pull that causes th speed up, slov in one place.adows lightCan they Explain how s influences the friction there Discuss relati the size or we object and they both a positiv aspect in our Make and rec before testing Plan a fair tes why it was fai Set up simple make compare Make accurat measuremen standard unit	ts ow things move urfaces d that force is a of an object he object to w down or stay urface type amount of is? onship between ight of and a amount of present? riction can be e and negative everyday lives? ord a prediction i? fair test to risons? e ts using s? observations in	Rocks (S) 1. Compare a together diff rocks on the appearance physical prop 2. Describe i how fossils a when things are trapped 3. Recognise made from r organic math Can they Describe and different rocl useful to us? Describe and differences b sedimentary rocks, consid they are form	erent kinds of basis of their and simple perties in simple terms ire formed that have lived within rock e that soils are ocks and ter d explain how ks can be d explain the between and igneous lering the way ned and in into groups? te the rocks with they need to mation to	flowering 2. Explo light, wa vary from 3. Inves 4. Explo plants, ir <b>Can they</b> Compare Discover of plant 1 Look for seeds ar Identify f Explain f plant to Challeng Classify 3	y and describe the functi g plants: roots, stem/trur re the requirements of pl ter, nutrients from soil ar n plant to plant tigate the way in which w re the part that flowers p including pollination, seed  e the effect of different fa thow seeds are formed b life cycles over time? patterns in the structure e dispersed? the functions of different now the needs and functi plant e.g. insect and winc ge: Can they	ak. Leaves and flowers ants for life and growth ( air, and room to grow) and how the rater is transported within plants lay in the life cycle of flowering formation and seed dispersal. Actors on plant growth? y observing the different stages of fruits that relate to how the parts of plants? ons of plant parts vary from d pollinated plants?

anima plants Descr skelet huma Name huma their f <b>Challe</b> Recor they h differe	Ils, humans and elevel Photometric fields and explain the bat be and explain the bat be and explain the fields and explain the field and present what the ave found in pre- ent ways ( display, tration, writing)?	ctricity when more teries are added in a fair t? Valain why their shadow unges when the light trees is moved closer or ther from the object? Allenge: Can they asure the lengths of ir shadows and to sent their findings in phical format.	escribe what they have bund using scientific inguage? hallenge: Can they xplain their findings in ifferent ways (display, resentation, writing)? se findings to draw a simple bonclusion and suggest irther improvements?	Challenge: Can they Record and present what they have found using scientific language, drawings, labelled diagrams and charts?		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Liquid a 1. Com togethe they are 2. Obse change heated researcl which th Celsius 3. Expl tempera their change Can the Compar based o i.e. liqui Explain materia or coole Measurd differen Set up s compar Plan a f variable fair and have be	e and group materials n their states of matter, d, solid or gas? what happens to s when they are heated d? e temperature at which t materials change state? imple fair tests to make son? air tests and isolate s and explain why it was explain which variables en isolated? improvements and	States of Matter (S) – Water cycle1.Identify the part of played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature2. Work scientifically to investigate and explain changes to the state of water and linking it to the water cycle.Can they Understand the four main key stages in the water cycle: evaporation, condensation, precipitatio & run off?Understand that all water moves continuously and is recycled over and over again?Make a model water cycle to observe the process in action?Explain and write about th water cycle?	variety of ways 2. Explore and use classification keys to help group, identify and name variety of living things in t local and wider environm 3. Recognise that environments can change and that this can sometim pose dangers to living thin <b>Can they</b> Explore variety of living the and use guides or keys to identify/ classify them? Raise and answer question based on their observation of animals and what they have researched and four Compare the classification common plants and animer to living things found in o places? (under sea, prehistoric)? Name and group a variety living things based on fee patterns? (producer,	Humans (S)a1.Describe the simple functions of the basic part of the digestive system i humansa2. Identify the different types of teeth in humans and their simple function 3. Construct and interprise a variety of food chains, identifying procedures, predators and preyingsIdentify and name the bi parts of the human digestive system?insIdentify and name the bi parts of the human digestive system?ind?Identify the simple function of organs of the human digestive system?indigestive system?Identify the simple function of different types of hum teeth?(of dingRecord and present what a simple for chain shows?	<ul> <li>of electrical circuit, identifying and naming its basic parts: cells, wires, bulbs, switches and buzzers</li> <li>3. Identify whether or not a lamp will light a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</li> <li>4. 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>5. Recognise some common conductors and insulators, and associate metals with being good conductors</li> <li>62 Can they</li> <li>t</li> <li>t</li> <li>Construct a simple circuit?</li> </ul>	Sound (S) 1. Identify how sounds are made, associating some of them with something vibrating 2. Recognise that vibrations from sounds travel through a medium to the ear 3. Find patterns between the pitch of a sound and features of the object that produced it 4. Find patterns between the volume of a sound and the strength of the vibrations that produced it 5. Recognise that sounds get fainter as the distance from the sound source increases. Can they Describe a range of sounds and explain how they are made? Compare sources of sound, explain how the sounds differ and how to change a sound: (louder/softer)? Describe and explain how a sound travels from a source to our ears?

	Decide which information needs to be collected and best way to collect it? Use findings to draw a simple conclusion? Challenge: Can they Plan and carry out an investigation by controlling variables fairly and accurately?	<b>Challenge: Can they</b> Explain what happens over time to materials such as puddles on the playground or washing hanging on a line? Set up a simple experiment, predict and method of recording?	Challenge: Can they Record more complex data and results using scientific diagrams, classification keys, tables, charts, graphs and models? Report findings from investigations through written explanations and	variety of ways, drawings and scientific language? Challenge: Can they Compare the teeth of carnivores and herbivores, and suggest reasons for differences? Find out what damages teeth and how to look after them?	Construct a circuit with a switch? Recognise some common conductors and insulators? Plan, predict and carry out an experiment controlling variables fairly and	Explain what happens to sound as it travels away from its source? Explain how pitch and volume can be changed in a variety of ways? Investigate how different materials can affect the pitch and volume of sounds? Predict, plan, measure and
	Group and classify materials according to impact of temperature?	Relate temperature to change of state of materials, linking to the water cycle?	conclusions? Use graph or diagram to answer scientific questions?	Make a presentation to show what happens in your body, the digestive system and keeping teeth healthy?	get lighter? Work out if all metals be used to connect a circuit	record an investigation? Explore which materials give best insulation for sound? ( <b>Challenge</b> )
Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<ul> <li>Living Things &amp; their Habitats</li> <li>1. Describe the differences in the life cycle of a mammal, an amphibian, an insect and a bird.</li> <li>2. Describe the life process of reproduction in some plants and animals.</li> <li>3. Talk with knowledge about birth, reproduction and death of familiar animals or plants?</li> <li>Can they</li> <li>Describe and compare the life cycle of a range of animals, including humans, amphibians, insects and birds?</li> <li>Describe the life cycles of common plants?</li> </ul>	Animals, including Humans (S) 1. Describe the changes as humans develop to old age Can they Compare data about gestation periods of humans and other animals? Create a timeline to indicate stages of growth in humans? Explain why different animals will have a different life expectancy?	Properties & changes to materials ( S ) 1. 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. 2. Understand that materials are suitable for making a particular object because of their properties. 3. Understand that force is measured in Newtons and used for testing weight, strength and flexibility of materials	Properties & changes to materials (S) 1. Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from as solution. 2. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including filtering, sieving and evaporation. 3. Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a calution	<ul> <li>Earth and Space (S)</li> <li>1. Describe the movement of the Earth, and other planets, relative to the Sun in the Solar System.</li> <li>2. Describe the movement of the Moon relative to the Earth</li> <li>3. Describe the Sun, Earth and Moon as approximately spherical bodies.</li> <li>4. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</li> <li>Can they Identify and explain the movement of the Earth relative to the Sun?</li> </ul>	2. Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanism, including levers, pulleys and gears, allow a smaller force to have a greater
	Talk about birth, reproduction and death of animals and plants with understanding? Report findings from investigations through written explanations and conclusions? Use a graph to answer scientific questions? Observe and compare the life cycles of plants and animals in their local environment with plants and animals around the	Present findings through writing, display and presentation? Take measurements using a range of scientific equipment with increasing accuracy? Record more complex data and results using scientific diagrams, charts, tables, classification keys, graphs and models?	<ul> <li>4. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.</li> <li>Can they Work our which materials are most effective for keeping warm or keeping cold?</li> </ul>	<ul> <li>solution.</li> <li>3. Demonstrate that dissolving, mixing and changes of state are reversible changes.</li> <li>4. Explain that some changes results in the formation of new materials, and that this kind of change is not usually reversible, including burning and chemical reaction.</li> </ul>	to the Sun? Explain how seasons and the associated weather are created? Identify and explain the movement of the Moon relative to the Earth? Explain the size, shape and position of the Earth, Sun and Moon? Explain how night and day are created and use diagrams to show this?	Can they Explain what gravity is and its impact on our lives? Explain why a wheeled object that is initially pushed will slow down and stop? Explain the impact of friction and drag force on moving objects? Explain how force and motion can be

Year 6	world e.g. desert areas, rainforests, oceans, prehistori times)? Ask pertinent questions and suggest reasons for similaritie and differences? Explain (in simple terms) a scientific idea and what evide supports it? Challenge: Can they Explore the work of well know naturalists and animal behaviourists? E.g. David Attenborough and Jane Gooda	indicate stages of growth of a baby, themselves, a teenager, young adults, their parents or grandparents and create a chart to find out about what they can and cannot do over time? Link what they have found out to other science? Suggest how to improve their work and say why they	Carry out experiments to compare materials suitable to make a switch in a circuit? Report and present findings from enquiries through written explanations and conclusions? Challenge: Can they Explain the work of chemists who created new materials e.g. Spencer Silver (glue on sticky notes) or Ruth Benerito (wrinkle free cotton)?	Can they Explain how materials dissolve in liquid to form solution? Use knowledge of liquid, solid or gas to describe methods of separating mixtures- filtering, sieving, evaporating? Explore changes that are reversible and irreversible e.g. burning, rusting, reactions such as vinegar with bicarbonate of soda?	Explain how planets are linked to stars? Challenge: Can they Create simple models of the solar system. Construct simple shadow clocks and sundials, calibrated to show midday, start and end of school day. Begin to understand how older civilizations used the Sun to create astronomical clocks and Stonehenge? Explore the work of some scientists? Ptolemy, Copenicus	transferred through gears, pulleys, levers and spring? Make predictions, test an idea and record using scientific language? <b>Challenge: Can they</b> Design parachutes and explain gravitational force? Work out how water can cause resistance to floating objects? <b>Summer 2</b>
rear b	Living things and their	Autumn 2 Animals, including Humans	Spring 1 Evolution & Inheritance	Spring 2 Electricity	Summer 1 Light & Shadow ( S )	Light, Shadow & the
	Habitats 1. Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organism, plants and animals. 2. Give reasons for classifying plants and animals on specific characteristics. Can they Devise classification systems and keys to identify some animals and plants in the immediate environment. Describe and compare the life cycles of a range of animals, including humans, amphibians, insects and birds? Discover the special attributes that some animals and plants have to	<ol> <li>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li> <li>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</li> <li>Describe the ways in which nutrients and water are transported within animals, including humans.</li> <li>Can they Identify and explain the function of the organs of the human circulatory system? (heart, blood vessels, blood)?</li> <li>Name the major organs in the human body?</li> <li>Locate the major human organs and their functions?</li> <li>Compare the organ systems of humans to other animals?</li> <li>Make a diagram of the human</li> </ol>	<ol> <li>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago</li> <li>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</li> <li>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</li> <li>Can they Recognise that living things have evolved overtime? Recognise that offspring are not identical to each other and their parents? Give reasons why offspring are not identical to each other or to their parents? Explain the process of evolution and describe the evidence for this?</li> </ol>	<ol> <li>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.</li> <li>Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzes and the on/off position of switches.</li> <li>Use recognised symbols when representing a simple circuit in a diagram.</li> <li>Can they Identify and name the basic parts of a simple electric series circuit? (cells, wires, bulbs, switches, buzzers, motors)?</li> <li>Explain how to make and impact of changes in a circuit?</li> <li>Explain the effect of changing the voltage of a battery?</li> <li>Explain the danger of short</li> </ol>	<ol> <li>Recognise that light travels in straight lines and travels faster than sound.</li> <li>Use the idea that light travels in straight lines to</li> </ol>	Eight, Shadow & the Eye (NS) Understand that: 1. Brain and eyes work together to give us our sense of sight. 2. Identify and describe the six parts of the human eye: cornea, pupil, iris, lens, retina and optic nerve. 3. Discuss how parts of the eye work together to provide vision. 4. Explore the relationship between light sources, objects and shadows. <b>Can they</b> Identify all the six parts of the eye and their functions. Use information from different sources to answer questions, plan an investigation? Explain how the brain and eye works together? Draw diagram that

E	xplain why might some	parts work and depend on one	their environment in different		Explain changes linked to	Explain what happens to
ar	nimals and plants be	another?	ways and that adaptation	Challenge: Can they	light (and sound)?	the size of a shadow when
er	ndangered and carry out a		may lead to evolution?	Systematically identifying	Make a prediction which links	you move the object?
re	esearch of one animal or	Challenge: Can they	Talk about the work of	the effect of changing one	with other scientific	Which materials are the
pl	lant?	Explore the work of medical	Charles Darwin, Mary Anning	component at a time in a	knowledge?	best for reflecting light?
E	xplain what are micro-	pioneers, e.g. William Harvey and	and Alfred Wallace?	circuit.	Identify factors when	
or	rganisms and how they	Galen, and recognise how much		Design and make a set of	planning a fair test, record	Challenge: Can they
w	ould be classified?	we have learnt about our bodies?	Challenge: Can they	traffic lights, a burglar	and present findings?	Explore a range of
R	Record more complex data		Explain how some living	alarm or some other useful	Use ray model to explain the	phenomena, including
ar	nd results using scientific	Explore the work of scientists and	things adapt to survive in	circuit?	size of shadows?	rainbows, colours on soap
di	iagrams, classification	scientific research about the	extreme conditions?	Explore different ways to		bubbles, objects looking
ke	eys, labels, graphs and	relationship between diet,	Analyse the advantages and	test an idea and choose the	Challenge: Can they	bent in water and
ta	ables?	exercise, drugs, lifestyles and	disadvantages of specific	best way, and give	Design and make a periscope	coloured filters?
Us	se information from	health.	adaptations, e.g. being on	reasons?	and using the idea that light	Present findings through
di	ifferent sources to answer	Report their research and findings	two rather than four feet?	Create and present their	travels in straight lines to	writing, display and
qu	uestions and record.	through written, explanations,	Understand what is DNA?	electrical products.	explain how it works.	presentation?
		conclusions and presentations?				