



Science

Key	Biology	Chemistry	Physics
Year Group	Autumn Term	Spring Term	Summer Term
	Cycle A - Autumn A	Cycle A - Spring A	Cycle A - Summer A
2023-24	My Senses	Opposites - Hot and Cold, Light and Dark, Frozen	Pushes and Pulls and Making things move
Cycle A		and Melted	
			Katy's amazing machines - CBeebies
2024-25	Cycle B - Autumn A	Cycle B - Spring A	Cycle B - Summer A
Cycle B	Parts of my Body and Which material is best for?	Growing Plants/life cycles	What can my body do? Looking after myself and
	Ning and the Neurons - CBeebies	Two stigsts with Kit and Dun - CD as hiss	keeping healthy (teeth). Skeletons and bones
	Maddie- Do you Know? - CBeebies	Investigate with Kit and Pup - CBeebies	
	Working 'Scientifically' in EYFS		
S	Nursery Children - Understanding of the World/Communi Use all their senses in hands-on exploration of natural ma • Explore collections of materials with similar and/or diff • Talk about what they see, using a wide vocabulary.	 terials. environment and all living things. Explore and talk about different for Talk about the differences between 	rces they can feel.
EYFS	 Begin to make sense of their own life-story and family's Explore how things work. 	history. Begin to ask 'why' questions	
ш	Plant seeds and care for growing plants.	<u>Reception/ ELG</u>	
	\cdot Understand the key features of the life cycle of a plant		
		materials and living things. They talk (immediate environment and how envir	
	Cycle A - Autumn B	Cycle A - Spring B	Cycle A - Summer B
	Materials – Building a house	Lifecycles of animals and Habitats	Minibeasts Lifecycles and Habitats
		Animals and their babies	
	LEGO – Ole Kirk Kristiansen		David Attenborough
		Andy's Baby Animals - CBeebies	
	Cycle B - Autumn B	Cycle B - Spring B	Cycle B - Summer B
	Pushes and Pulls Magnetism	Baby animals and change	Floating and Sinking

		Throughout the year	
	Seasonal Changes		Vorking scientifically objectives
	To observe changes across the four seasons.		
	To observe and describe weather associated with t	NE 3E03003	Asking simple questions.
	and how the day length varies.	•	Observing closely, using simple equipment.
	Suggested Vocabulary	<u>K</u>	ey Scientists
	Summer, Spring, Autumn, Winter, sun, day, moon, n	icht licht	lolly Green (Meteorologist)
	Summer, Spring, Aurumn, Winter, Sun, duy, moon, n	b	r Steve Lyons (Extreme Weather)
	<u>Autumn A</u>	Spring A/B	Summer A/B
	<u>Plants - Trees</u>	Animals Including Humans	<u> Plants – Flowers</u>
	To identify and name a variety of common plants,	To identify and name a variety of common animals	To identify and describe the basic structure of a
	including garden plants, wild plants and trees and	that are birds, fish, amphibians, reptiles, mammal	s variety of common flowering plants, including roots,
	those classified as deciduous and evergreen.	and invertebrates	stem/trunk, leaves and flowers.
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YEAR		To identify and name a variety of common animals	
Ę	Suggested Vocabulary	that are carnivores, herbivores and omnivores	Leaves, flowers, roots, bulbs, seed, branch, stem
>	Deciduous, evergreen, leaves, flowers, roots,	To describe and company the structure of country	Nauking Crientifically, Objectives
	branch, blossom, petals, roots, bulb, seed, trunk, branches, stem.	To describe and compare the structure of a varie of common animals (birds, fish, amphibians,	ty <u>Working Scientifically Objectives</u> • Asking simple questions
	branches, stem.	reptiles, mammals and invertebrates, and including	
	Working Scientifically Objectives	pets)	 Identifying and classifying
	Asking simple questions	persy	 Using their observations and ideas to suggest
	 Observing closely, using simple equipment. 	To identify, name, draw and label the basic parts	
	Identifying and classifying	the human body and say which part of the body is	
	• Using their observations and ideas to suggest	associated with each sense.	
	answers to questions		
		Suggested Vocabulary	
	Key Scientists	Fish, reptiles, mammals, birds, amphibians,	
	Jeanne Baret- Botanist	herbivore, carnivore, omnivore, beak	
	Maria Sibylla Merian – German artist and		
	naturalist	Working Scientifically Objectives	
		Asking simple questions	

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	<u>Autumn A/B</u>	<u>Spring A</u>	<u>Summer A</u>
	Animals including humans	<u>Uses of Everyday Materials</u>	<u>Plants</u>
	To notice that animals, including humans, have offspring which grow into adults	To identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick/rock and	To observe and describe how seeds and bulbs grow into mature plants
	To find out about and describe the basic needs of animals, including humans, for survival (water, food and air)	paper/cardboard To find out how the shapes of solid objects made from some materials can be changed by squashing, bending twisting and	To find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
2	To describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.	stretching <u>Suggested Vocabulary</u> Materials, natural, man- made, smooth, bendy, magnetic, non-	<u>Suggested Vocabulary</u> Seeds, bulbs, water, light, temperature, growth
YEAR 2	Suggested Vocabulary survival, adult, baby, offspring, hygiene, exercise, kitten, calf, puppy Working Scientifically Objectives • asking simple questions • using their observations and ideas to suggest answers to questions Marie Curie Steve Irwin - Crocodile Hunter	 Materials, hardrar, man-made, smooth, bendy, magnetic, non-magnetic <u>Working Scientifically Objectives</u> asking simple questions identifying and classifying using their observations and ideas to suggest answers to questions <u>Key Scientists</u> Ole Kirk Kristiansen - LEGO 	 Working Scientifically Objectives asking simple questions observing closely, using simple equipment performing simple tests (comparative test) identifying and classifying using their observations and ideas to suggest answers to questions Key Scientists
	Robert Winston - Human Scientist Joe Wicks - Personal Trainer	<mark>Stephanie Kwolek -</mark> Kevlar <mark>Patsy Sherman-</mark> Scotch Gard	Tim Smit - The Eden Project Agnes Arber - Botanist Alan Titchmarsh - Botanist and Gardener

<u>Autumn B/Spring A</u> Uses of Everyday Materials

To identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick/rock and paper/cardboard

To find out how the shapes of solid objects made from some materials can be changed by squashing, bending twisting and stretching

Suggested Vocabulary

Materials, natural, man- made, smooth, bendy, magnetic, non-magnetic

Working Scientifically Objectives

- asking simple questions
- identifying and classifying
- using their observations and ideas to suggest answers to questions

<u>Key Scientists</u>

Ole Kirk Kristiansen – LEGO Stephanie Kwolek – Kevlar Patsy Sherman– Scotch Gard

Spring B/Summer A

<u>Plants</u>

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.

<u>Suggested Vocabulary</u> Seeds, bulbs, water, light, temperature, growth

Working Scientifically Objectives

- asking simple questions
- observing closely, using simple equipment
- performing simple tests (comparative test)
- identifying and classifying
- using their observations and ideas to suggest answers to questions

Key Scientists

Tim Smit - The Eden Project Agnes Arber - Botanist Alan Titchmarsh - Botanist and Gardener

<u>Summer A/B</u>

Living Things and their Habitats

To explore and compare the differences between things that are living, dead, and things that have never been alive.

To identify that most living things live in habitats to which they are suited and describe how different habitats 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 habitats, including micro-habitats

To describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Suggested Vocabulary

Habitat, energy, food chain, predator, prey, woodland, pond, desert, living/dead

Working Scientifically Objectives

- asking simple questions
- identifying, sorting and classifying
- using their observations and ideas to suggest answers to questions

Key Scientists

Terry Nutkin - TV presenter Liz Bonnin - Conservationist

	<u>Autumn A</u>	<u>Spring A</u>	Summer A/B
	Forces and Magnets	Rocks (Materials)	Plants
	To notice that some forces need contact between two objects and some forces act at a distance	To compare and group together different kinds of rocks on the basis of their simple physical properties	To identify and describe the function of different parts of flowering plants roots, stem, leaves and flowers.
	To observe how magnets attract or repel each other and attract some materials and not others	To relate the simple physical properties of some rocks to their formation (igneous or sedimentary)	To explore the requirements of plants
	To compare and group together a variety of everyday materials on the basis of whether they are	To describe in simple terms how fossils are formed when things that have lived are trapped within sedimentary rock.	for life and growth (air, light, water, nutrients from soil, and room to grow and how they vary from plant to plant
	attracted to a magnet, and identify some magnetic materials.	<u>Suggested Vocabulary</u> Fossils, soil, sandstone, granite, marble, pumice, crystals,	To investigate the way in which water is transported within plants.
ო	To describe magnets as having two poles. To predict whether two magnets will attract or repel	absorbent sedimentary	To explore the role of flowers in the
YEAR	each other, depending on which poles are facing. To compare how things move on different surfaces.	 Working Scientifically Objectives Asking relevant questions. 	life cycle of flowering plants, includir pollination, seed formation and seed dispersal.
	Suggested Vocabulary	 Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions. Recording findings using simple scientific language, 	Suggested Vocabulary Flower, pollination, dispersal,
	Magnetic, force, contact, attract, repel, friction, poles, push, pull.	drawings, labelled diagrams, bar charts, and tables.	transportation, reproduction, soil, nutrients
	Working Scientifically Objectives	<u>Key Scientists</u> Mary Anning- contribution to palaeontology William Smith - displayed Yorkshire fossils	Water, lights. Working Scientifically Objectives
	 Asking relevant questions. 		Asking relevant questions.Recording findings using simple
	• Setting up simple practical enquiries, comparative and fair tests.		scientific language, drawings, labell diagrams, bar charts, and tables. • Comparing and looking for patterns
	 Making accurate measurements using standard units, using a range of equipment, for example thermometers and data 		Make careful observations
	 Ioggers. Gathering, recording, classifying and 		Key Scientists Jan Ingenhousz – Photosynthesis
	 Barnering, recording, classifying and presenting data in a variety of ways to help in answering questions. 		Joseph Banks - Botanist

charts, and tables. Key Scientists		
William Gilbert - Theories on Magnetism Andre Marie Ampere - Founder of Electro- Magnetism George Stephenson		
<u>Autumn B</u>	<u>Spring B</u>	
Animals including Humans	Light	
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	To recognise that they need light in order to see things and that dark is the absence of light	
what they eat	To recognise that light from the sun can be dangerous and that there are ways to protect their eyes	
To identify that humans and some animals have		
skeletons and muscles for support, protection and movement.	To recognise that shadows are formed when the light from a light source is blocked by an opaque object	
Suggested Vocabulary	To notice that light is reflected from surfaces	
Movement, muscles, bones, skeleton, nutrition,		
carbohydrates, dairy, fats, sugars	To find patterns in the way that the size of shadows change	
Working Scientifically Objectives	Suggested Vocabulary	
Asking relevant questionsCompare and contrast	Light, shadows, mirror, reflective, dark, reflection	
• Recording findings using simple scientific language,	Working Scientifically Objectives	
drawings, labelled diagrams, bar charts, and tables	 Asking relevant questions. 	
Make observations	Gathering, recording, classifying and presenting data	
• Research	in a variety of ways to help in answering questions.	
Key Scientists	 Recording findings using simple scientific language, 	
Adelle Davis - 20 th Century Nutritionist	drawings, labelled diagrams, bar charts, and tables.	
Marie Curie - Radiation/X Rays	 Look for patterns 	

	<u>Autumn A</u>	Spring A	Summer A/B
	States of Matter	Animals including Humans	Living things and their Habitats
	To compare and group materials together, according to	To describe the simple functions of the basic parts of	To identify and name a variety of living
	whether they are solids, liquids or gases	the digestive system in humans	things (plants and animals) in the local and wider environment, using
	To observe that some materials change state when they	To identify the different types of teeth in humans and	classification keys to assign them to
	are heated or cooled, and measure the temperature at which this happens in degrees Celsius (°C), building on	their simple functions.	groups
	their teaching in mathematics	To construct and interpret a variety of food chains, identifying producers, predators and prey.	To give reasons for classifying plants an animals based on specific characteristic.
	To identify the part played by evaporation and		
	condensation in the water cycle and associate the rate of	Suggested Vocabulary	To recognise that environments are
	evaporation with temperature.	oesophagus , small intestine, large intestine, herbivore, carnivore	constantly changing and that this can sometimes pose dangers to specific
	Suggested Vocabulary	canine, incisor, molar, teeth	habitats.
	Solid, liquid, gas, evaporation, condensation, particles,		
	temperature, freezing, melting	Working Scientifically Objectives	Suggested Vocabulary
YEAR 4	 Working Scientifically Objectives Recording findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables. Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. Using results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests. Identifying differences, similarities or changes related to simple scientific ideas and processes. Grouping and classifying a variety of different materials. 	 Recording findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables. Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions Using results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests. Identifying differences, similarities or changes related to simple scientific ideas and processes. Using straight forward scientific evidence to answer questions or to support their findings Key Scientists Ivan Pavlov - Digestive System Mechanism Joseph Lister - Discovered Antiseptics 	 Vertebrates, amphibians, reptiles, birds mammals, environment, habitats Working Scientifically Objectives Recording findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables. Reporting on findings from enquiries, including oral and written explanations displays or presentations of results and conclusions Using results to draw simple conclusions and suggest improvements new questions and predictions for setting up further tests. Identifying differences, similarities or setting up further tests.
	<u>Key Scientists</u>		changes related to simple scientific
	Anders Celsius - Celsius Temperature Scale		ideas and processes. • Using straight forward scientific
	Daniel Fahrenheit – Fahrenheit Temperature		evidence to answer questions or to
	Scale/Invention of the Thermomete		support their findings.

<u>Autumn B</u>	Spring B and Summer A	
Sound	Electricity	Key Scientists
To recognise that vibrations from sounds travel through a medium to the ear.	To identify common appliances that run on electricity To construct a simple series electrical circuit	Cindy Looy - Environmental Change an Extinction Jacques Cousteau - Marine Biologist
To identify how sounds are made, associating some of hem with something vibrating To recognise that sounds get fainter as the distance	To 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	Joy Adamson – The Born Free Foundation
of the sound source increases of find patterns between the pitch of a sound and catures of the object that produced it	To recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit	
o find patterns between the volume of a sound and the trength of the vibrations that produced it.	To recognise some common conductors and insulators, and associate metals with being good conductors.	
Suggested Vocabulary	Suggested Vocabulary	
 Volume, vibration, wave, pitch, tone, speaker Working Scientifically Objectives Recording findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables. Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. Identifying differences, similarities or changes related to simple scientific ideas and processes Using straight forward scientific evidence to answer questions or to support their findings. 	 Cells, buzzers, bulbs, switch, battery, circuit, series, conductors, insulators Working Scientifically Objectives Recording findings using simple scientific language, drawings, labelled diagrams, bar charts, and tables. Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. Identifying differences, similarities or changes related to simple scientific ideas and processes. Using straight forward scientific evidence to answer questions or to support their findings. 	
Aristotle - Sound waves Galileo Galilei - Frequency and Pitch of Sound Waves Alexander Graham Bell- Invented the Telephone	<u>Key Scientists</u> John o'Sullivan - Wifi Thomas Edison - First Working Lightbulb Joseph Swan - Incandescent Light Bulb	

	<u>Autumn A</u>	<u>Spring A/B</u>	<u>Summer A</u>
		<u>Changes in Materials</u>	Animals including humans
	Earth and Space	To compare and group together everyday materials	Describe the changes as humans develop to
	To describe the movement of the Earth relative to the Sun in the solar system.	based on evidence from comparative and fair tests, including their hardness, solubility, conductivity (electrical and thermal) and response to magnets.	old age Suggested Vocabulary
	To describe the movement of the Moon relative to the Earth.		Foetus, Embryo, Womb, Gestation, Baby,
	To describe the Sun, Earth and Moon as approximately spherical bodies.	To give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and	Toddler, Teenager, Elderly, Growth, Development, Puberty, Hormone, Physical, Emotional,
	To use the idea of the Earth's rotation to explain day and night.	plastic. To know how some materials will dissolve in liquid	Working Scientifically Objectives • Presenting findings in written form,
	Suggested Vocabulary	to form a solution, and describe how to recover a substance from a solution	displays and other presentations • Researching and recording
YEAR 5	Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation, waxing, waning, crescent, gibbous. Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, planets, solar system, day, night, rotate, orbit, axis, spherical, geocentric, heliocentric.	To use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating	<u>Key Scientists</u> Dr Steve Jones - Geneticist Prof Robert Winston - Human Scientist
YE	 Working Scientifically Objectives Presenting findings in written form, displays and 	To demonstrate that dissolving, mixing and changes of state are reversible changes.	
	other presentations Comparing and constructing models Researching 	To explain that some changes result in the formation of new materials and that this kind of change is usually not reversible, including changes	<u>Summer B</u> Living things and their habitats To describe the differences in life cycles
	<u>Key Scientists</u> Stephen Hawkins	associated with burning and the actions of acid and bicarbonate of soda	common to a variety of animals, including humans (birth, growth, development, reproduction, death), and to a variety of
	Claudius Ptolemy and Nicolaus Copernicus -Heliocentric vs Geocentric Universe	Suggested Vocabulary Evaporate, condense, dissolving, magnetic, filter, gas, conductivity, transparency, solubility.	plants (growth, reproduction and death). To describe the life process of reproduction
	Prof Brian Cox – space Neil Armstrong – First man on the Moon Helen Sharman – First British astronaut		in some plants and animals.
	Tim Peake - First British ESA astronau	Working scientifically objectives	Suggested Vocabulary

Autumn B/Spring A

<u>Forces</u>

Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object and the impact of gravity on our lives.

Identify the effects of air resistance, water resistance and friction, which act between moving surfaces.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Suggested Vocabulary

Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys, force, push, pull, opposing, streamline, brake, mechanism, lever, cog, machine, pulley

Working Scientifically Objectives

- Planning enquiries, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models
- Presenting findings in written form, displays and other presentations

<u>Key Scientists</u>

Aristotle

Galileo Galilei - Gravity and Acceleration Isaac Newton - Gravitation Archimedes of Syracuse - Levers John Walker - The Match Prof. Brian Cox - air resistance, velocity Planning enquiries, including recognising and controlling variables where necessary

- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models
- Reporting findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions
 Carrying out tests sand comparing materials

Key Scientists Spencer Silver,

Arthur Fry and Alan Amron - Post it notes Ruth Benerito - Wrinkle free cotton Foetus, embryo, womb, gestation, development, puberty, teenagers, elderly, growth.

Reproduce, stamen, stigma, sepal, petal, ovary, pollen, style, germinate.

Working Scientifically Objectives

- Presenting findings in written form, displays and other presentations
- Observing changes
- Asking pertinent questions and suggest reasons for differences and similarities
- Comparing

<u>Key Scientists</u>

James Brodie of Brodie – Reproduction of Plants by Spores

David Attenborough – Naturalist and Nature Documentary Broadcaster

	<u>Autumn A</u>	<u>Spring A</u>	<u>Summer A</u>
	Light	Animals including Humans	Evolution and Inheritance
	To recognise that light appears to travel in straight lines	To identify and name the main parts of the human circulatory system, and describe the functions of	To recognise that living things have changes over time and that fossils provide
	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 use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.	 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 water are transported within animals, including humans. 	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 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.	<u>Suggested Vocabulary</u> Circulatory, vessels, veins, arteries, oxygenated, deoxygenated, valve, exercise, respiration.	Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.
YEAR 6	 Suggested Vocabulary Reflection, opaque, mirror, source, travel, spectrum, refraction Working Scientifically Objectives Planning enquiries, including recognising and controlling variables where necessary Taking measurements, using a range of scientific equipment, with increasing accuracy and precision Recording data and results of increasing Complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models Key Scientists Thomas Young - Wave theory of Light Thon al Haytham (Alhazen) - Light and our Eyes Percy Shaw - The Cats Ey 	 Working Scientifically Objectives Presenting findings in written form, displays and other presentations Researching Exploring the work of scientists Key Scientists Justus Von Liebig - Theories of Nutrition and Metabolism Sir Richard Doll - Linking Smoking and Health Problems Leonardo Da Vinci - Anatomy	Suggested Vocabulary Genetics, reproduction, characteristics, evolution, adaptation, fossils, inheritance Working Scientifically Objectives • Presenting findings in written form, displays and other'; presentations • Observing and raising questions • Comparing and analysing advantages and disadvantages Key Scientists Carl Linnaeus - Identifying, Naming and Classifying Organisms Charles Darwin Alfred Russel Wallace

<u>Autumn B</u>	<u>Spring B</u>	
Electricity	Living Things and their Habitats	
To associate the brightness of a lamp or the volume of a	To describe how living things are classified into	
buzzer with the number and voltage of cells used in the	broad groups according to common observable	
circuit.	characteristics and based on similarities and	
	differences, including micro-organisms, plants and	
To compare and give reasons for variations in how	animals.	
components function, including the brightness of bulbs, the		
loudness of buzzers and the on/off position of switches.	To give reasons for classifying plants and animals	
	based on specific characteristics.	
To use recognised symbols when representing a simple circuit		
in a diagram.	Suggested Vocabulary	
	Classification, Vertebrates, Invertebrates, Micro-	
Suggested Vocabulary	organisms, Amphibians, Reptiles, Mammals, Insects	
Circuit, component, conductor, insulator, symbol, voltage,		
electricity	Working Scientifically Objectives	
	 Presenting findings in written form, displays and 	
Working Scientifically Objectives	other presentations	
 Presenting findings in written form, displays and other 	Using classification systems and keys	
presentations	Researching	
 Using simple models to describe scientific ideas 		
Designing and making	<u>Key Scientists</u>	
	Carl Linnaeus - Identifying, Naming and Classifying	
<u>Key Scientists</u>	Organisms	
Alessandro Volta – Electrical battery	Charles Darwin- Alfred Russel Wallace	
Nicola Tesla - Alternating currents		
Peter Rawlinson - Engineer on electrical vehicle)		