			EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		NC	Natural world Explore the world around them making observations and drawings of plants. Natural world Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class. Communication and language express their ideas and feelings about their experiences using full sentences.	- Name common plants and describe the basic structure of flowering plants, including deciduous and evergreen. - Identify and describe the basic structure of a variety of common flowering plants, including trees.	Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	- Identify and describe the functions of different parts of flowering plants: roots, stem/frunk, leaves and flowers Explore the requirements of plants for life and growth (afr, 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.	LT&TH - Recognise that living things can be grouped in a variety of ways	amphibian, an insect and a bird	LT&TH - Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals. - Give reasons for classifying plants and animals based on specific characteristics
Plants			- Can plant seeds and care for growing plants. Understand the basic features of a simple plant lifecycle. Can name basic parts of a plant e.g. leaf, petal.	- Can name trees and other plants they see regularly Can describe key features of the trees and plants e.g. shapes of leaves/colour of the flower/blossom Can point out trees which lost their leaves and those who keep them all year. Can point to and name parts of a plant Can use simple charts to sort. Can use photos to talk about how plants change.	- Can describe how plants that have grown from seeds and bulbs have developed over time Can identify plants that grew well in different conditions Can spot similarities and differences between bulbs and seeds Can nutrue seeds and bulbs into mature plants identifying the different requirements of different plants.	- Can explain the function of the parts of a flowering plant Can describe the life cycle of flowering plants, including pollination, seed formation, seed dispersal and germination Can give different methods of pollination and seed dispersal, including examples Can explain observations made during investigations Can look at features of seeds to decide on method of dispersal Can draw and label a diagram of their created flowering plant to show its parts and their role and method of pollination and seed dispersal.	LIVING THINGS & THEIR HABITATS	LIVING THINGS & THEIR HABITATS	LIVING THINGS & THEIR HABITATS
	-		Plant, leaf, stem, flower, grow, rain, sun, water, soil, seed,	Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud. Names of trees in local area, garden and wild flowering plants.	As year 1+ light, shade, sun, warn, cool, water, grow, healthy.	Photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal, wind dispersal, animal dispersal, water dispersal, pollen, roots, stem, trunk, leaves, absorb, nutrients, reproduce, germination, stamen, style.	LIVING THINGS & THEIR HABITATS	LIVING THINGS & THEIR HABITATS	LIVING THINGS & THEIR HABITATS
			EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
d Humans		OZ	The Natural World Explore the natural world around them, making observations and drawing pictures of animals. Begin to make sense of their own lifestory and family's history. Begin to understand the key features of the lifecycle of a plant and animal. People, culture and communities Describe their immediate environment using knowledge from observation, discussion, stories and non-fiction texts and maps. Personal, social and emotional development Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.	- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals Identify and name a variety of common animals that are carnivores, herbivores and omnivores Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) - Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense	different types of food, and hygiene.	nutrition, and that they cannot make their own food; they get nutrition from what they eat. Identify that humans and some other	Describe the simple functions of the basic parts of the digestive system in humans. Identify the different types of teeth in humans and their simple functions. Construct and interpret a variety of food chains, identifying producers, predators and prey.		Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Identify and name the main parts of the human circulatory system and describe the function of the heart, blood vessels and blood. Describe the ways in which nutrients and water are transported within animals, including humans.

BIOLOGY	Animais, includin	KPIs	- Children can explore the natural world around them They can describe what the see, feel and hear when outside They can recognise environments which is different to the one they live in They can talk about simple similarities and differences between living things They can make simple observations about animals and explain why some things occur They can explore basic lifecycles of animals.	- Can name a range of animals which includes animals from each of the vertebrate groups Can describe the key features of named animals Can label key features on a picture/diagram Can write descriptively about an animal Can write a 'What am 1? riddle about an animal Can describe what a range of animals eat Can compare and classify animals.	- Can sequence the stages of a baby. Observe these changes Can describe how animals change as they get older Develops understanding of how insects change (more than a butterfly) through lifecycle diagrams Can explain what humans and other animals need to survive this could be through planning a trip to the moon or desert Island Can describe how to keep clean and healthy Has a good understanding of the food plate and understands a healthy balanced diet' Understands the effect of exercise on the body.	provide protection. Can describe how		- Can explain the changes that takes place in boys and girls during puberty. Can explain how a baby changes physically as it grows and also what it is able to do.	- Can draw a diagram of the circulatory system, label the parts and annotate it to show what the parts do Can explain the positive and negative effects on diet, exercise, drugs and lifestyle on the body.
	-	Vocabulary	Head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, heart,	Head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, reptile, amphibian, mammal, omnivore, carnivore, herbivore, all senses.	Offspring, grow, adults, nutrition, reproduce, survival, water, food, air, exercise, hygiene, survival, exercise.		Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, incisor, canine, herbivore, omnivore.	Puberty, vocabulary linked to describe a range of sexual characteristics.	Heart, pulse, rate, pumps, blood, blood vessel, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle.
			EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
0 000	ig i nings & their Habitats	ON	People, culture and communities Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and maps. Understanding the world Begin to understand the need to respect and care for the natural environment and all living things. Explore the natural world around them.	PLANTS - Name common plants and describe the basic structure of flowering plants, including trees. ANIMALS INC HUMANS - Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals Identify and name a variety of common animals that are carnivores, herbivores and omnivores Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)	- Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify that most living things livie 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 - Identify and name a variety of plants and animals in their habitats, including microhabitats - 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.	PLANTS - Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.	Recognise that living things can be grouped in a variety of ways. Explore and use classification keys to help group, identify and name a variety of living things in their local environment. Recognise that environments can change and that this can sometimes pose dangers to living things.	Describe the differences in the infecycles of a mammal, an amphibian, an insect and a bird. Describe the life processes of reproduction in some plants and animals. Can describe the lifecycles of	Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals. - Give reasons for classifying plants and animals based on specific characteristics Evolution and inheritance - Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. - Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. - Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.
_	Inneritance	KPIs	- Children will be able to explore the natural world and make observations Children will recognise animal habitats Children will understand how to look after animals and the environment including habitats Children will begin to explore where they live and compare to other places in the world e.g. weather, climate.	PLANTS - ANIMALS INC HUMANS	- Find a range of items which are dead, living Can name plants/animals which live in different habitats and micro habitat Can talk about the features of the animal/plant and how they are suited to the habitat Can talk about what the animal eats Can construct a food chain.	PLANTS	- Can name living things in a range of habitats, giving key features that helped identify them Can give examples of how an environment may change both naturally and due to human impact Can use classification keys to identify unknown plants and animals.	- Can describe the lifecycles of mammals, amphibians and insects using diagrams Can describe similarities and differences between them - Can dissect and label parts of flowering plant including male and female structures Record finding as an annotated illustration of a flowering plant Research and explain the life cycle and reproduction of a plant using scientific language.	- Can give examples of animals in the five vertebrate groups and some of the invertebrate groups Can give key characteristics of the five vertebrate groups and some invertebrate groups Can give examples of flowering and non-flowering plants Can use classification keys to identify unknown plants and animals Can create classification keys Can give a number of characteristics that explain why an animal belongs to a particular group. Evolution & Inheritance - Can explain the process of evolution. Can give examples of how plants and animals are suited to their environment Can give examples of how an animal or plant has evolved over time e.g. penguin, peppered moth Give examples of things that lived millions of years ago and the fossil evidence to support this.

Evolution 8	Vocabulary	alive, dead, moving, still, inside, outside, place, live, grass, sea, wood, house, school, meadow		Living, dead, never been alive, suited, suitable, basic need, food, food chain, shelter, move, feed, names of local habitats e.g. pond, woodland, names of micro habitats e.g. under logs, in bushes etc.		environment, habitat, human impact, positive, negative, migrate, hibernate.	bird, pollination, life processes, plants, animals, reproduction, environment, dispersal, growth, living, eggs, and seeds.	Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering and nonflowering. Evolution & Inheritance Offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils.
		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
TRY Everyday Materials	NC	states of matter. Speaking Offer explanations for why things happen, making use of recently introduced vocabulary from stories,	everyday materials, including wood, plastic, glass, metal, water, and rock. - Describe the simple physical properties of a variety of everyday materials. Compare and group	Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	contact between two objects, but magnetic forces can act at a distance. ROCKS & SOILS - Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties Describe in simple terms how fossils are formed when things that have lived are	together, according to whether they are solids, liquids or gases (states of matter) - 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 (States of matter) - Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. (states of matter)	properties, including their hardness, solubility, transparency, conductivity (electrical and thermal) and response	

Rocks & Soils	KPIs	- They can talk about simple similarities and differences between two materials and how materials change in terms of shape, size and texture They can describe materials using basic scientific words They can explore how things work They can group and classify materials using their properties.	- Can label a picture/diagram of an object made from different materials Can describe the properties of materials Can sort materials using their properties Can sort materials using their properties Can test evidence to answer a question.	- Can name an object, say what material it is made from, identify properties and make a link between property and use. Whilst changing a shape of an object can describe the actions used. - Can use suitable vocabulary. Simple tests relevant to properties. Describe similarities and differences.	- Can name some types of rock and give physical features of each Can explain how a fossil is formed Can explain that soils are made from rocks and also contain living/dead matter Classify rocks in a range of ways using scientific vocabulary Test properties of rocks Show understanding of how fossils were formed, can identify plant/animal matter in soil, test water retention of soils.	- Can name properties of solids, liquids and gases Can give everyday examples of melting and freezing Can give everyday examples of evaporation and condensation Can describe the water cycle Can measure temperatures using a thermometer.	- Can explain everyday uses of material e.g. how bricks, wood, glass are used in buildings Can explain what dissolving is, giving examples Can name equipment used for filtering and sieving Can use knowledge of liquids, gases and solids to suggest how materials can be recovered from solutions or mixtures by evaporation, filtering or sieving Can describe simple reversible and non-reversible changes to materials, giving examples Can create chart/table grouping materials using properties.	EVOLUTION & INHERITANCE
States of Matter	Vocabulary	Wet, dry, shiny, dull, bendy, stiff, squashy, hard/soft, lumpy, wrinkly. Smooth, rough.	Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see through, not see through.	Names of materials: wood, plastic, glass, metal, water, rock, brick, paper, fabric, card, rubber, suitable/unsuitable, use/useful, hard/soft, stretchy/stiff. Rigid/flexible, waterproof/absorbent, strong/weak, rough/smooth, transparent/opaque, shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching.	Rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb, water, soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil.	Solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle	Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/not reversible, change, burning, rusting, new material.	EVOLUTION & INHERITANCE
		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Seasonal Changes	NO.	The Natural World Understand some important processes and changes in the natural world around them, including seasons.	Observe changes across the four seasons. Observe and describe weather associated with the seasons and how day length varies.	LIVING THINGS & THEIR HABITATS - 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 PLANTS - Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy			FORCES Explain that unsupported objects fall towards the Earth because of the force	LIGHT Use the idea that light travels in straight lines to explain why shadows have the same shape as the object that casts them.
S	KPIs	- Can describe the weather outside and suggest what they might wear and what they might see Can comment on the environment e.g. the leaves have fallen off the tree, there is a puddle Children can understand the effect of changing seasons on the natural world around them.	- Can name four seasons and identify when in the year they occur Can observe and describe weather in different seasons Can describe days being longer in summer and shorter in winter Present data in tables charts and compare seasons.	PLANTS - LIVING THINGS & THEIR HABITATS	LIGHT		- Describe the Suff, Earth and word as approximately spherical bodies Use Earth rotation to explain day and night due to the apparent movement of the sun across the sky. - Can show using diagrams the movement of the Earth and moon Can explain the rotation of the Earth and how this causes night and day Can explain evidence gathered about the position of shadows in terms of movement of the Earth Can name a range of objects found within our solar system	

	Earth & Sp		Snow, wind, rain, sun, day, night, stormy, cloudy, hot, cold, foggy.	Weather (sunny, rainy, windy, snowy etc) Seasons (winter, summer, spring, autumn) sun, sunrise, sunset, Day length	PLANTS - LIVING THINGS & THEIR HABITATS	LIGHT		Earth, sun, moon, Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune, Pluto (dwarf planet), spherical, Solar system, rotates, star, orbit, planets, axis, night, day, season, galaxy. Meteorite.	LIGHT
			EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		NC		EVERYDAY MATERIALS - 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.	EVERYDAY MATERIALS - Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.	LIGHT - Recognise that they need light in order to see things and that dark is the absence of light. - Notice that light is reflected from surfaces. - Recognise that light from the sun can be dangerous and that there are ways to protect our eyes. - Recognise that shadows are formed when the light source is blocked by a solid object. - Find patterns in the way the size of the shadows change.	Sound - Identify how sounds are made, associating some of them with something vibrating - Recognise that vibrations from sounds travel through a medium to the ear - Find patterns between the pitch of a sound and features of the object that produced it - Find patterns between the volume of a sound and the strength of the vibrations that produced it - Recognise that sounds get fainter as	EVERYDAY MATERIALS 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.	- Recognise that light travels in straight lines 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 Explain that we see things because light travels from light sources to our eyes or from light sources to our eyes or from light sources to bjects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the object that casts them.
CS	Light & Sound	KPIs		EVERYDAY MATERIALS		Can identify light sources around the school. Can compare how light sources and reflective objects help us to see at night and distinguish between them. Can identify transparent, translucent and opague objects. Can show and explain how an objects shape determines its shadow; and the relationship between an objects position and the shadow it casts. Can explain the dangers of sun exposure and suggest ways of protecting their eyes and skin.	the distance from the sound source increases Can they describe a range of sounds and explain how they are made? Can they associate some sounds with something vibrating? Can they compare sources of sound and explain how the sounds differ? Can they spalain how to change a sound (louder/softer)? Can they recognise how vibrations from sound travel through a medium to a ear? Can they find patterns between the pitch of a sound and features of the object that produce it? Can they find patterns between the volume of the sound and the strength of the vibrations that produced it? Can they recognise that sounds get fainter as the distance from the sound source increases? Can they explain how you could change the pitch of a sound? Can they investigate how different materials can affect the pitch and volume of sounds?	EVERYDAY MATERIALS - EARTH & SPACE	- Can describe with diagrams how light travels in straight lines, either from sources or reflected from other objects into our eyes. - Can describe with diagrams how light travels in straight lines past translucent or opaque objects to form a shadow of the same shape.

PHYSI	Vocabulary		EVERYDAY MATERIALS	EVERYDAY MATERIALS		vibration, pitch, volume, absorb, medium, vibrate, cochlea, hammer, anvil, ear drum, stirrup, auditory, nerve, brain, transmit.	EVERYDAY MATERIALS - EARTH & SPACE	Year 3 vocabulary- Plus Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous.
		EYFS	Voor 4	Voor 2	Vace 2	Voor 4	Voor E	Voor 6
		Understanding the World.	Year 1 EVERYDAY MATERIALS	Year 2 EVERYDAY MATERIALS	Year 3 - Compare how things move on different	Year 4	Year 5 - Explain that unsupported objects fall	Year 6
	NO	- Explore and talk about different forces they can feel Can talk about the differences between materials and changes they notice.	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 properties.	- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. - Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	surfaces - Notice that some forces need contact between two objects, but magnetic forces can act at a distance Observe how magnets attract or repel each other and attract some materials and not others 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 Describe magnets as having two poles.		Towards the Earth because of the force of gravity acting between the Earth and the falling object. - Identify the effects of air resistance, water resistance and friction that act between moving surfaces. - Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	
s		- Children will be able to play with a			Predict whether two magnets will attract or repel each other, depending on which poles are facing. Give examples of forces in everyday life.		EARTH & SPACE To describe the movements of the Earth, and other planets, relative to the Sun in the solar system - Can demonstrate the effect of gravity.	Linked to Electricity - children will begin
Forces	KPIs	range of toys of varying sizes made of different materials and fit them together in different ways such as twisting, pushing, slotting or magnetism. - Can manipulate playdough in different ways.	EVERYDAY MATERIALS	EVERYDAY MATERIALS	- Give examples of objects moving differently on different surfaces Name a range of magnets and show how the poles attract and repel Can draw diagrams using arrows to show the attraction and repulsion between the poles of magnets Can use results to describe how objects move on different surfaces Can use results to make predictions Can use some classification to know some metals are not magnetic Use test data to rank magnets.		acting on an unsupported object. - Can give examples of friction, water resistance and air resistance. - Can give examples of when it is beneficial to have high or low friction, water resistance, and air resistance. - Can demonstrate how pulleys, levers and gears work.	to understand that the battlery provides the push force around a circuit
	Vocabulary	Push, pull, twist, stretch, turn, open, lift, squeeze, pinch, flick, tap.	EVERYDAY MATERIALS	EVERYDAY MATERIALS	Force, push, pull, twist, contact force, non- contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel. Magnetic material, metal, iron, steel, poles, north pole, south pole.		Force, Gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears.	
		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Understanding the World Shows skills in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movement or new images.	materials Compare and group together a	EVERYDAY MATERIALS - Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for narticular uses		- Identify common appliances that run on electricity Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.	EVERYDAY MATERIALS - Compare and group together everyday materials on the basis of their properties, including their hardness, solubiliity, transparency, conductivity (electrical and thermal) and response	 Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of

icity	NO			- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery - Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit Recognise some common conductors and insulators, and associate metals with being good conductors.	to magnets.	buzzers and the on/off potion of switches. - Use recognised symbols when representing a simple circuit in a diagram.
Electricity	KPIs	Children will be able to play with a range of electrical toys, they may also be able to name and identify electrical appliances around the classroom	EVERYDAY MATERIALS	EVERYDAY MATERIALS	Can name the components in a circuit Can make an electric circuit Can control a circuit using a switch Can name some metals that are conductors Can name materials that are insulators.	EVERYDAY MATERIALS	- Explain how a circuit operates to achieve particular operations, such as control the light for a torch with different brightnesses or make a motor go faster or slower - Make circuits to solve particular problems such as a quiet and a loud burglar alarm - Carry out fair tests exploring changes in circuits
	Vocabulary	on, off, light, sound, move, stop, electric, battery, plug	EVERYDAY MATERIALS	EVERYDAY MATERIALS	Electrical, appliance, mains, plug, circuit, component, cell, battery, positive, negative, connect/connectors, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non metal, symbol.	EVERYDAY MATERIALS	Circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage NB Children do not need to understand what voltage is but will use volts and voltage to describe different batteries.