

# SCIENCE PROGRESSION - Conceptual Knowledge and Understanding

Link to Science Intent



## Animals including Humans

**EYFS-Early Learning Goal links:** Explore the natural world around them, making observations and drawing pictures of animals and plants;

<b>Year 1</b> I can statements Link: <a href="#">Year 1- I can.docx</a>	<b>Year 2</b> I can statements Link: <a href="#">Year 2 I can.docx</a>	<b>Year 3</b> I can statements Link: <a href="#">Year 3 I can.docx</a>	<b>Year 4</b> I can statements Link: <a href="#">Year 4 I can.docx</a>	<b>Year 5</b> I can statements Link: <a href="#">Year 5 I can.docx</a>	<b>Year 6</b> I can statements Link: <a href="#">Year 6 I can.docx</a>
<ul style="list-style-type: none"> <li>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</li> <li>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</li> <li>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)</li> <li>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</li> </ul>	<ul style="list-style-type: none"> <li>Understand that animals, including humans, have offspring which grow into adults</li> <li>Describe the basic needs of animals, including humans, for survival (water, food and air)</li> <li>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene</li> </ul>	<ul style="list-style-type: none"> <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 that humans and some other animals have skeletons and muscles for support, protection and movement</li> </ul>	<ul style="list-style-type: none"> <li>Describe the simple functions of the basic parts of the digestive system in humans (<a href="#">LINK BACK: Y3 the different food groups our body needs- nutrients</a>)</li> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>Describe the changes as humans develop to old age</li> <li>(see <b>Life Cycles - Living things and their habitats</b>)</li> </ul>	<ul style="list-style-type: none"> <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> </ul>
arm, leg, hand, foot, eyes, ears, mouth, nose see,hear,taste,smell, touch  fish, amphibian, reptile, bird and mammal herbivore, carnivore, omnivore	offspring, adult, baby, parents dead, alive, never-alive	carbohydrates, protein, fats, sugar, dairy, fruit and vegetables, balanced diet, energy skeleton,vertebrates/invertebrate s, muscles, bones, ribs, skull, joints, spine, pelvis	molars, canines, incisors esophagus, saliva, stomach, intestines, anus, digestion, nutrients food chain, energy, producer, predator, prey, decomposer	puberty life-cycle reproduce	heart, blood, lungs, oxygenated, deoxygenated, plasma, platelets, red and white blood cells,plasma blood vessels, veins, arteries, pulse

# Living things and their Habitats

**EYFS-Early Learning Goal links:** Explore the natural world around them, making observations and drawing pictures of animals and plants.

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.

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	<ul style="list-style-type: none"> <li>Explore and compare the differences between things that are living, dead, and things that have never been alive</li> <li>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</li> <li>Identify and name a variety of plants and animals in their habitats, including micro-habitats</li> <li>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.</li> </ul>		<ul style="list-style-type: none"> <li>Recognise that living things can be grouped in a variety of ways</li> <li>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</li> <li>Recognise that environments can change and that this can sometimes pose dangers and have an impact on living things</li> </ul>	<ul style="list-style-type: none"> <li>Describe the differences in the life cycles of a mammal, amphibian, insect and a bird</li> <li>Describe the life process of reproduction in some plants and animals</li> </ul>	<ul style="list-style-type: none"> <li>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</li> <li>Give reasons for classifying plants and animals based on specific characteristics</li> </ul>
fish, amphibian, reptile, bird and mammal herbivore, carnivore, omnivore	dead, alive, never alive habitat- desert, arctic, rainforest, ocean food chain, predator, prey diet		classify, classification, classification key environment, deforestation, pollution, extinction, endangered producer, decomposer	life cycle, reproduction, pollination, fertilisation, asexual reproduction, seed dispersal, fruit, stigma, anther, ovary, ovule, pollen, nectar,	microorganism, germ, microbe, characteristic, Linnaean system

# Plants

**EYFS-Early Learning Goal links:** Explore the natural world around them, making observations and drawing pictures of animals and plants  
Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

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<ul style="list-style-type: none"> <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> </ul>	<ul style="list-style-type: none"> <li>Observe and describe how seeds and bulbs grow into mature plants</li> <li>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</li> </ul>	<ul style="list-style-type: none"> <li>Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</li> <li>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</li> <li>Investigate the way in which water is transported within plants</li> </ul>	<ul style="list-style-type: none"> <li>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal</li> </ul>	<p><i>See <b>Living things and their habitats- Plant reproduction, seed dispersal, life cycles</b> )</i></p>	<ul style="list-style-type: none"> <li>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution</li> </ul>
deciduous, evergreen, plant, tree, leaf, stem, flower, petals, roots	seed, bulb, germination, temperature, sunlight, water, healthy, root, shoot	nutrients, photosynthesis, function	pollination, seed dispersal, stigma, anther, ovary, ovule, pollen, nectar,	life cycle, reproduction, asexual reproduction,	adaptation, evolution,

# Evolution and Inheritance

**EYFS-Early Learning Goal links:** Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps;

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<p><i>(Links with Animals including Humans work on Parents and Offspring?)</i></p>					<ul style="list-style-type: none"> <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> </ul>
parent, baby		fossil (from unit on rocks)			offspring characteristic adaptation, natural selection, identical, genes, Charles Darwin

# Seasonal changes

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

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<ul style="list-style-type: none"> <li>Observe changes across the four seasons</li> <li>Observe and describe weather associated with the seasons and how day length varies</li> </ul>			water cycle- different types of precipitation	Link to Space unit- Why do we have different Seasons	
autumn, winter, spring, summer, rain, snow, frost, wind, sun, fog, mist, clouds, temperature (warm/cold/freezing) day, night,			precipitation- snow, hail, rain		

# Materials and States of Matter

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  
 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.

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<ul style="list-style-type: none"> <li>Distinguish between an object and the material from which it is made</li> <li>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>Describe the simple physical properties of a variety of everyday materials</li> <li>Compare and group together a variety of everyday materials on the basis of their simple physical properties</li> </ul>	<ul style="list-style-type: none"> <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>Describe how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</li> </ul>	<b>(Rocks, Light, Magnets)</b>	Compare and group materials together, according to whether they are solids, liquids or gases <ul style="list-style-type: none"> <li>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)</li> <li>Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature</li> <li>Know that some materials are good thermal insulators that prevent the transfer of heat from warm to cold</li> </ul>	<ul style="list-style-type: none"> <li>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</li> <li>Recognise that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</li> <li>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</li> <li>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</li> <li>Demonstrate that dissolving, mixing and changes of state are reversible changes</li> <li>Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda</li> </ul>	
object, material, wood, plastic, metal, water, rock, fabric property- everyday language <i>e.g hard/soft, stretchy, rough, bendy, see-through, strong etc</i> sort, waterproof	squash, bend, twist, stretch	absorbent/not absorbent, durable  transparent, translucent, opaque  magnetic	solid, liquid, gas, state, heat, cool, melt, freeze, evaporate, condense, thermometer, temperature, degrees celsius, The water cycle, precipitation, thermal insulator	dissolve, soluble, insoluble, solution, conductor, insulator, filter, filtering, filter paper, sieving, evaporation, reversible change, irreversible change, burning	

# Electricity

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

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<p><i>Know that electricity is needed to make some things work.</i></p>	<p><i>Know that electricity is needed to make some things work.</i>  <i>Know that some appliances need batteries and some use mains electricity to work.</i></p>		<ul style="list-style-type: none"> <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 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> </ul>		<ul style="list-style-type: none"> <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 buzzers and the on/off position of switches</li> <li>• Use recognised symbols when representing a simple circuit in a diagram</li> </ul>
			electricity, mains electricity, battery, wire, bulb, buzzer, motor, switch, circuit, electrical conductor, electrical insulators, metals		cell, voltage, component, circuit diagram, symbols

# Earth and Space

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  
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				<ul style="list-style-type: none"> <li>• Describe the movement of the Earth, and other planets, relative to the Sun in the solar system</li> <li>• Describe the movement of the Moon relative to the Earth</li> <li>• Describe the Sun, Earth and Moon as approximately spherical bodies</li> <li>• Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</li> </ul>	
day, night, sun, moon				solar system, orbit, sphere, Earth's axis, planets (Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune) gas giant, terrestrial planet, meteor, star crater	



# Forces and Magnets

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  
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<i>Explore floating and sinking, pushes and pulls.</i>	<i>Explore cars moving quicker on different surfaces.</i>	<ul style="list-style-type: none"> <li>● Compare how things move on different surfaces</li> <li>● Notice that some forces need contact between two objects, but magnetic forces can act at a distance</li> <li>● 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</li> <li>● Describe magnets as having two poles Predict whether two magnets will attract or repel each other, depending on which poles are facing</li> </ul>		<ul style="list-style-type: none"> <li>● Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</li> <li>● Identify the effects of air resistance, water resistance and friction, that act between moving surfaces</li> <li>● Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect</li> </ul>	
float, sink, push pull		magnet, magnetic, poles, north pole, south pole, magnetic force, attract, repel, metals, friction, force meter		gravity, air resistance, water resistance, mechanism, machine, lever, pulley, gears, work	

# Light

**EYFS-Early Learning Goal links:** Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

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<ul style="list-style-type: none"> <li>Know that we use our eyes to see</li> </ul>		<ul style="list-style-type: none"> <li>Recognise that he/she needs light in order to see things and that dark is the absence of light</li> <li>Notice that light is reflected from surfaces</li> <li>Recognise that light from the sun can be dangerous and that there are ways to protect eyes</li> <li>Find patterns in the way that the size of shadows change</li> </ul>		<p><i>(Link and revisit- Year 5 work on Space, Day and Night, Shadows on the Moon)</i></p>	<ul style="list-style-type: none"> <li>Recognise that light appears to travel in straight lines</li> <li>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</li> <li>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</li> <li></li> <li>Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. Notice how light can be split into different colours using a prism.</li> </ul>
eyes sight light sun		source of light darkness reflect, mirror translucent transparent opaque shadow			prism periscope

# Sound

**EYFS-Early Learning Goal links:** Listen attentively and respond to what they hear with relevant questions, comments and actions when being read to and during whole class discussions and small group interactions; Make comments about what they have heard and ask questions to clarify their understanding;

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<p><i>Exploring how to change the volume of a sound during music lessons.</i></p> <ul style="list-style-type: none"> <li>Know we use our ears to hear</li> </ul>	<p><i>Exploring how to change the volume and pitch of a sound during music lessons.</i></p>	<p><i>Exploring how to change the volume and pitch of a sound during music lessons.</i></p>	<ul style="list-style-type: none"> <li>Identify how sounds are made, associating some of them with something vibrating</li> <li>Recognise that vibrations from sounds 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 produced it</li> <li>Recognise that sounds get fainter as the distance from the sound source</li> </ul>	<p><i>Links with Music</i></p>	<p><i>Links with Music</i></p>
<p>ear sound hearing</p>			<p>vibration, volume pitch</p>		

# Rocks

**EYFS-Early Learning Goal links:** 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.

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		<ul style="list-style-type: none"> <li>• Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties</li> <li>• Describe in simple terms how fossils are formed when things that have lived are trapped within rock</li> <li>• Recognise that soils are made from rocks and organic matter</li> </ul>			<ul style="list-style-type: none"> <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> </ul>
		fossil rock sedimentary soil organic matter crystals molten rock, lava			paleontologist

# Working Scientifically Skills EYFS-KS1

EYFS (Early Learning Goal links)	Y1/2
Show curiosity about objects, events and people <b>Playing &amp; Exploring</b> Questions why things happen <b>Speaking: 30-50 months</b>	I can explore the world around and raise my own simple questions
Engage in open-ended activity <b>Playing &amp; Exploring</b>	I have experienced different types of science enquiries, including practical activities
Take a risk, engage in new experiences and learn by trial and error <b>Playing &amp; Exploring</b>	I am beginning to recognise different ways in which I might answer scientific questions
Find ways to solve problems / find new ways to do things / test their ideas <b>Creating &amp; Thinking Critically</b>	I can carry out simple tests
Develop ideas of grouping, sequences, cause and effect <b>Creating &amp; Thinking Critically</b> Know about similarities and differences in relation to places, objects, materials and living things <b>ELG: The World</b>	I can use simple features to compare objects, materials and living things and, with help, decide how to sort and group them (identifying and classifying)
Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world <b>The World: 30-50 months</b>	I can ask questions and use simple secondary sources to find answers
Closely observes what animals, people and vehicles do <b>The World 8-20 months</b> Use senses to explore the world around them <b>Playing &amp; Exploring</b>	I can observe closely, using simple equipment with help, and observe changes over time.
Make links and notice patterns in their experience <b>Creating &amp; Thinking Critically</b>	With help, I am starting to notice patterns and relationships.
Choose the resources they need for their chosen activities <b>ELG: Self Confidence &amp; Self Awareness</b> Handle equipment and tools effectively <b>ELG: Moving &amp; Handling</b>	I can use simple measurements and equipment (e.g. hand lenses, egg timers) to <b>gather</b> data
Create simple representations of events, people and objects <b>Being Imaginative: 40-60+ months</b>	I can record simple data in a table or tally chart
Answer how and why questions about their experiences <b>ELG: Understanding</b> Make observations of animals and plants and explain why some things occur, and talk about changes <b>ELG: The World</b>	I can use my observations and ideas to suggest answers to questions I can talk about what I have found out and how I found it out
Develop their own narratives and explanations by connecting ideas or events <b>ELG: Speaking</b> Builds up vocabulary that reflects the breadth of their experience <b>Understanding: 30-50 months</b>	With help, I can record and communicate my findings in a range of ways and begin to use simple scientific language
<p>test      question      float            sort      observe      sink            measure      magnifying glass</p>	<p>research      thermometer            tally chart      data logger            bar graph      fair test</p>



# Working Scientifically Skills KS1- KS2

Year 1/2	Year 3/4	Year 5/6
I can explore the world around and raise my own simple questions	I can raise my own relevant questions about the world around me	I can use my science experiences to explore ideas and raise different kinds of questions
I have experienced different types of science enquiries, including practical activities	I have been given a range of scientific experiences including <b>different types</b> of science enquiries to answer questions	I can talk about how scientific ideas have developed over time
I am beginning to recognise different ways in which I might answer scientific questions	I am starting to make my own decisions about the most appropriate type of scientific enquiry that might be best to answer a question.	I can select and plan the most appropriate type of scientific enquiry to use to answer a scientific question.
I can carry out simple tests	I can set up simple practical enquiries, comparative and fair tests I recognise when a simple fair test is necessary and help to decide how to set it up.	I recognise when and how to set up comparative and fair tests and explain which variables need to be controlled and why.
I can use simple features to compare objects, materials and living things and, with help, decide how to sort and group them (identifying and classifying)	I can talk about criteria for grouping, sorting and classifying; and use simple keys	I can use and develop keys and other information records to identify, classify and describe living things and materials, and identify patterns that might be found in the natural environment
I can ask questions and use simple secondary sources to find answers	I can recognise when and how secondary sources might help them to answer questions that cannot be answered through practical investigations	I can recognise which secondary sources will be most useful to research my ideas and begin to separate opinion from fact
I can observe closely, using simple equipment with help, and observe changes over time.	I can make systematic and careful observations I help to make decisions about what observations to make, how long to make them for and the type of simple equipment that might be used.	I can make my own decisions about what observations to make, what measurements to use and how long to make them for.
With help, I am starting to notice patterns and relationships.	I am beginning to look for patterns and decide what data to collect to identify them	I can look for different causal relationships in my data and identify evidence that refutes or supports their ideas
I can use simple measurements and equipment (e.g. hand lenses, egg timers) to <b>gather</b> data	I can take accurate measurements using standard units learn how to use a range of (new) equipment, such as data loggers / thermometers appropriately	I can choose the most appropriate equipment to make measurements with increasing precision and explain how to use it accurately
I can record simple data in a table or tally chart	I can collect and record data from my own observations and measurements in a variety of ways: I can make notes, bar charts and tables, standard units, drawings, labelled diagrams, keys and help to make decisions about how to analyse this data	I can decide how to record data and results of increasing complexity from a choice of familiar approaches: scientific diagrams and labels, classification keys, tables, and bar and line graphs
I can use my observations and ideas to suggest answers to questions I can talk about what I have found out and how I found it out	With help, I look for changes, patterns, similarities and differences in my data in order to draw simple conclusions and answer questions.	I can identify scientific evidence that has been used to support or refute ideas or arguments
With help, I can record and communicate my findings in a range of ways and begin to use simple scientific language	I can use relevant simple scientific language to discuss my ideas and communicate my findings in ways that are appropriate for different audiences, including oral and written explanations, displays or presentations of results and conclusions	I can use relevant scientific language and illustrations to discuss, communicate and justify my scientific ideas, I can use oral and written forms such as displays and other presentations to report conclusions, causal relationships and explanations of results I can use simple models to describe scientific ideas
	With support, I can identify new questions arising from the data, making predictions for new values within or beyond the data I have collected and find ways of improving what I have already done.	I can use my results to make predictions and identify when further observations, comparative and fair tests might be needed
research tally chart bar graph	thermometer data logger fair test	classify key investigation
	diagram pattern predict/prediction	variable repeated measurements conclusion

## Unlocking learning through Oracy EYFS- KS2

EYFS (ELG links)	Year 1	Year 2	Year 3
<ul style="list-style-type: none"> <li>They answer 'how' and 'why' questions about their experiences and in response to stories or events. - <b>Understanding</b></li> </ul>	<ul style="list-style-type: none"> <li>Speak clearly and loudly enough to communicate meaningfully.</li> </ul>	<ul style="list-style-type: none"> <li>Talk about topics that are of interest to them or which they enjoy.</li> </ul>	<ul style="list-style-type: none"> <li>Talk and listen confidently in different situations.</li> </ul>
<ul style="list-style-type: none"> <li>Children express themselves effectively, showing awareness of listeners' needs. <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Ask questions about matters of interest.</li> </ul>	<ul style="list-style-type: none"> <li>Ask questions to gain information and clarify meaning.</li> </ul>	<ul style="list-style-type: none"> <li>Show they have listened carefully by asking relevant questions.</li> </ul>
<ul style="list-style-type: none"> <li>They use past, present and future forms accurately when talking about events that have happened or are to happen in the future <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Start to answer questions with more than one word adding detail to their speech.</li> </ul>	<ul style="list-style-type: none"> <li>Begin to develop and explain their ideas.</li> </ul>	<ul style="list-style-type: none"> <li>Develop and explain their ideas giving reasons.</li> </ul>
<ul style="list-style-type: none"> <li>They develop their own narratives and explanations by connecting ideas or events <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Start to understand how to take turns when speaking.</li> </ul>	<ul style="list-style-type: none"> <li>Express themselves using complete sentences when required.</li> </ul>	<ul style="list-style-type: none"> <li>Sequence and communicate ideas in an organised and logical way in complete sentences as required.</li> </ul>
<ul style="list-style-type: none"> <li>Children show some awareness of the listener by making changes to language and non-verbal features. <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Start to listen to others and respond appropriately.</li> </ul>	<ul style="list-style-type: none"> <li>Make more specific vocabulary choices, e.g. technical language.</li> </ul>	<ul style="list-style-type: none"> <li>Vary the amount of detail – dependent on purpose and audience.</li> </ul>
<ul style="list-style-type: none"> <li>They recount experiences and imagine possibilities, often connecting ideas. <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Speak in complete sentences after an adult has modelled this.</li> </ul>	<ul style="list-style-type: none"> <li>Usually listen carefully and respond appropriately.</li> </ul>	<ul style="list-style-type: none"> <li>Participate fully in paired and group discussions.</li> </ul>
<ul style="list-style-type: none"> <li>They use a range of vocabulary in imaginative ways to add information, express ideas or to explain or justify actions or events. <b>Speaking</b></li> </ul>	<ul style="list-style-type: none"> <li>Begin to understand how to change language when speaking to different listeners, e.g. peers and adults.</li> </ul>	<ul style="list-style-type: none"> <li>Take turns when talking in pairs or small groups.</li> </ul>	<ul style="list-style-type: none"> <li>Show understanding of the main points in a discussion.</li> </ul>
<ul style="list-style-type: none"> <li>Children know and talk about similarities and differences in relation to places, objects, materials and living things. <b>Understanding the world</b></li> <li>They talk about the features of their own immediate environment and how environments might vary from one another. <b>Understanding the world</b></li> <li>They make observations of animals and plants and explain why some things occur, and talk about changes. <b>Understanding the world</b></li> <li>Children know that the environment and living things are influenced by human activity. <b>Understanding the world</b></li> <li>They can describe some actions which people in their own community do that</li> </ul>	<ul style="list-style-type: none"> <li>Begin to use new vocabulary learned in daily sessions.</li> </ul>		

help to maintain the area they live in.

**Understanding the world**

- They know the properties of some materials and can suggest some of the purposes they are used for.

**Understanding the world**

## Unlocking learning through Oracy KS1- KS2

### Year 4

- Talk and listen confidently in a wide range of contexts.

- Ask questions to clarify or develop understanding.

- Give an answer and justify it with evidence.

- Sequence, develop and communicate ideas in an organised and logical way in complete sentences as required.

- Show understanding of the main points and significant details in a discussion.

- Show they have listened carefully through making relevant comments.

- Increasingly able to adapt what they say to meet the needs of the audience/listener.

### Year 5

- Talk and listen confidently in a wide range of contexts including some that are formal.

- Engage the interest of the listener by varying their expression and vocabulary.

- Adapt spoken language to the audience, purpose and context.

- Explain the effect of using different language for different purposes.

- Develop ideas and opinions with relevant detail.

- Express ideas and options justifying a point of view.

- Show understanding of the main points, significant details and implied meanings in a discussion.

- Listen carefully in discussions, make contributions and ask questions that are responsive to others' ideas and views.

- Confidently, vary the use and choice of vocabulary (including technical language) dependent on the purpose and audience.

### Year 6

- Listen carefully and adapt talk to the demands of different contexts, purposes and audiences with increasing confidence.

- Ask questions to develop ideas and make contributions that take account of others' views.

- Use evidence to support ideas and opinions

- Explain ideas and opinions – elaborating to make meaning explicit.

- Take an active part in discussions, taking different roles.

- Use hypothetical speculative language to express possibilities.

- Use Standard English fluently in formal situations.

- Debate an issue maintaining a focused point of view.