



Year 1		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
Belong 	Communication and Pupil Voice	Recognise, name and deal with feelings in a positive way, noticing some effects of own actions on others. EGC Listen to others and identify how people are feeling (e.g. happy, sad, worried). EGC Identify similarities and differences between their opinions and those of others.	Take turns to express a view, giving reasons for supporting or disagreeing with others in group or class. EGC See that all of their opinions and feelings are valued and have the power to effect positive change. Appreciate how rules can help us, analysing and formulating rules in class and school. EGC
	Teamwork and Leadership	Discuss similarities and differences between self and others, showing positive attitude towards difference and diversity. EGC Explore how own actions have consequences. EGC Explore some basic ways to avoid, manage and resolve conflict, actively trying to manage own and others' disputes peacefully. EGC	Participate in group activities, showing willingness to play fairly and inclusively with others- taking turns and sharing. EGC Show willingness to listen to the ideas of others, respecting authority and decision-making process. EGC Discuss sense of self-worth and worth of others, exploring the nature of an interdependent team where each role is valued. EGC
	Problem Solving and Critical Thinking	Respond positively towards challenge- seeing possible failure as a possible opportunity. Identify what the problem is and positively understand that finding a solution is often not a quick, mistake-free or instant process. Ask questions that deepen their understanding about "why" or "how" a problem may be happening. EGC	Suggest a way to solve a problem, showing an awareness that there is often more than one possibility. EGC Wonder about ideas and begin to visualise what they might look like. EGC Ask for help if unsure what to do- showing increasing independent use of self-help strategies and resources available. EGC
Believe 	Working Scientifically	Ask simple questions. Know what i am trying to find out. Identify and classify. Use my senses to make observations. Observe closely, using simple equipment. Make some measurements of what i observe.	Perform simple tests. Use observations and ideas to suggest answers to questions. Gather and record data to help in answering questions. Report what i have found out. Think of reasons for what i have found out.
	Seasonal Changes	Observe changes across the four seasons. Observe and describe weather associated with the seasons and how day length varies.	
	Plants	Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees.	
	Materials and Properties	Distinguish between an object and the material from which it is made. Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.	
	Animals Including 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).	Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
	Creativity and Imagination	Develop awareness of self and own uniqueness, through expressing themselves within their work. EGC Appreciate the uniqueness and value of every person, encouraging others by valuing their work and ideas. EGC Use immersion in a range of stimulus to formulate their own ideas, also reinforcing the view that there are multiple ways of achieving a goal.	Learn to play appropriately with a wide range of resources within an open-ended context. Have idea of what they want to create and discuss what they can use to achieve this from the resources available to them. Analyse the resources and stimulus available to them and discuss how it makes them feel or what it makes them think of.
Behave 	Social Action and Community Involvement	Discuss basic needs for human life and demonstrate the importance of caring and sharing. EGC Identify what is fair and unfair, showing sensitivity to people's feelings and needs. EGC Develop sense of fair play and show willingness to take turns and share. EGC	Develop belief that everyone can do things to improve surroundings and support others. EGC Explain the work of a chosen charity, raising awareness of people's needs within their own community. Explore community needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch
	Global Learning and Sustainability	Explore immediate and local environment, showing appreciation of, and care for, living things. EGC Identify simple links with other places (e.g. through food), developing a sense of the wider world and how we are interconnected. EGC Discuss living things and their needs and explain how to take care of immediate environment. EGC	Demonstrate sense of wonder and curiosity about the world, exploring their own place, impact and responsibilities within it. EGC Actively start to value resources understanding the possibility of change in the future and the impact on the environment. EGC Explore global needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch

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"Bee"long- How will we help pupils to feel part of a team and appreciate each other's work? Have we planned opportunities for pupils to learn how to effectively communicate, work together, problem solve and lead? ✚

"Bee"lieve-How will we help pupils to be creative, imaginative and resilient, developing their growth mindset, self-awareness and talents? Is there a challenging curriculum for all, rich with relevant content and opportunities to develop a diverse range of transferable skills? 📦

"Bee"have-How will we help pupils to purposefully use the knowledge and skills taught to engage with others, the community and the world? Are there real-life opportunities for the pupils to see the impact of their knowledge, skills or work at a local and global level? ❤️

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Year 2		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
Belong 	Communication and Pupil Voice	Recognise, name and deal with feelings in a positive way, noticing some effects of own actions on others. EGC Listen to others and identify how people are feeling (e.g. happy, sad, worried). EGC Identify similarities and differences between their opinions and those of others.	Take turns to express a view, giving reasons for supporting or disagreeing with others in group or class. EGC See that all of their opinions and feelings are valued and have the power to effect positive change. Appreciate how rules can help us, analysing and formulating rules in class and school. EGC
	Teamwork and Leadership	Discuss the similarities and differences between self and others, showing positive attitude towards difference and diversity. EGC Explore how own actions have consequences. EGC Explore some basic ways to avoid, manage and resolve conflict, actively trying to manage own and others' disputes peacefully. EGC	Participate in group activities, showing willingness to play fairly and inclusively with others- taking turns and sharing. EGC Show willingness to listen to the ideas of others, respecting authority and decision-making process. EGC Discuss sense of self-worth and worth of others, exploring the nature of an interdependent team where each role is valued. EGC
	Problem Solving and Critical Thinking	Respond positively towards challenge- seeing possible failure as a possible opportunity. Identify what the problem is and positively understand that finding a solution is often not a quick, mistake-free or instant process. Ask questions that deepen their understanding about "why" or "how" a problem may be happening. EGC	Suggest a way to solve a problem, showing an awareness that there is often more than one possibility. EGC Wonder about ideas and begin to visualise what they might look like. EGC Ask for help if unsure what to do- showing increasing independent use of self-help strategies and resources available. EGC
Believe 	Working Scientifically	Ask scientific questions. Give ideas about how I might answer these questions. Identify, classify and group using scientific criteria. Use senses to make accurate observations. I can suggest what equipment I use to make observations. Make accurate measurements of length, capacity, weight and time.	Perform simple tests and start to consider if a test is fair. Make a prediction. I can use observations, ideas and scientific knowledge to suggest answers to enquiries. Use scientific vocabulary to describe my observations. Record my data using pictures, text, tables, charts and labelled diagrams. Compare data and observations. Report what I have found out and give reasons. I can say whether what happened was what I expected.
	Sound	Describe how sounds occur when objects vibrate. Identify that sound waves travel through the air.	Explain that light travels faster than sound.
	Earth and Space	Name planets in our solar system. Identify some features of the planets in our solar system.	Recognise that the sun is a star. Identify that the sun is a source of heat and light.
	Plants	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.	
	Living Things and Habitats	Explore and compare the differences between things that are living, dead, and things that have never been alive. 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.	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.
	Materials and 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
	Animals Including Humans	Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).	Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
	Creativity and Imagination	Develop awareness of self and own uniqueness, through expressing themselves within their work. EGC Appreciate the uniqueness and value of every person, encouraging others by valuing their work and ideas. EGC Use immersion in a range of stimulus to formulate their own ideas, also reinforcing the view that there are multiple ways of achieving a goal.	Learn to play appropriately with a wide range of resources within an open-ended context. Have idea of what they want to create and discuss what they can use to achieve this from the resources available to them. Analyse the resources and stimulus available to them and discuss how it makes them feel or what it makes them think of.
Behave 	Social Action and Community Involvement	Discuss basic needs for human life and demonstrate the importance of caring and sharing. EGC Identify what is fair and unfair, showing sensitivity to people's feelings and needs. EGC Develop sense of fair play and show willingness to take turns and share. EGC	Develop belief that everyone can do things to improve surroundings and support others. EGC Explain the work of a chosen charity, raising awareness of people's needs within their own community. Explore community needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch
	Global Learning and Sustainability	Explore immediate and local environment, showing appreciation of, and care for, living things. EGC Identify simple links with other places (e.g. through food), developing a sense of the wider world and how we are interconnected. EGC Discuss living things and their needs and explain how to take care of immediate environment. EGC	Demonstrate sense of wonder and curiosity about the world, exploring their own place, impact and responsibilities within it. EGC Actively start to value resources understanding the possibility of change in the future and the impact on the environment. EGC Explore global needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch

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Year 3		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
Belong 	Communication and Pupil Voice	<p>Listen carefully to others, respectfully stating opinions with clear reasons - showing reflection from feedback or mistakes. EGC</p> <p>Participate in discussions about issues that affect self, others and the wider world, increasingly taking action when something is unfair. EGC</p> <p>Recognise effects of own behaviour on others and use this to help make choices. EGC</p>	<p>Research basic human rights and how some people have these denied, including uneven sharing of power and how some people are excluded from decision-making. EGC</p> <p>Contribute actively and constructively to the life of own class and school, identifying matters that are important to self and others- taking part in making and changing rules. EGC</p> <p>Explore rights in class and school, discussing the need to respect the rights of others. EGC</p>
	Teamwork and Leadership	<p>Give examples of what contributes to self-identity and belonging, developing sense of belonging and valuing of relationships with others. EGC</p> <p>Discuss causes of disagreement and conflict at personal, classroom and household levels, suggesting some ways of avoiding, managing and resolving conflict. EGC</p> <p>Play and work cooperatively, showing willingness to participate in activities both in and out of the classroom. EGC</p>	<p>Explore belief that that everyone should be included and able to participate, helping to ensure that everyone in own group is included. EGC</p> <p>Begin to show tact and diplomacy, listening to different viewpoints and offering solutions or to achieve goals. EGC</p> <p>Show willingness to learn from the experiences of others, listening respectfully to the ideas and views of others even when one disagrees. EGC</p>
	Problem Solving and Critical Thinking	<p>Apply a positive mindset in trying to find a solution and continuing to see possible failure as a possible opportunity. Actively seek to get to the root of a problem by continuing to ask "why".</p> <p>Ask relevant questions that deepen their knowledge and understanding about "why" or "how". EGC</p>	<p>Explore merits of different viewpoints. EGC</p> <p>Explicitly learn and use different approaches to solve problems. EGC</p> <p>Use feelings about changes in own life and locality to apply own experiences to solve problems. EGC</p>
Believe 	Working Scientifically	<p>Ask relevant scientific questions.</p> <p>Set up simple practical enquiries and comparative and fair tests.</p> <p>Make accurate measurements using standard units, using a range of equipment, e.g. thermometers and data loggers.</p> <p>Gather, record, classify and present data in a variety of ways to help in answering questions.</p>	<p>Record findings using simple scientific language, drawings, labelled diagrams, bar charts and tables. Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.</p> <p>Identify differences, similarities or changes related to simple, scientific ideas and processes. Use straightforward, scientific evidence to answer questions or to support my findings.</p> <p>Use my results to draw simple conclusions.</p>
	Evolution and Inheritance	<p>Explain how some animals have adapted to suit their environment.</p> <p>Identify features of some animals that suit their environment.</p>	
	Light	<p>Recognise that we need light in order to see things and that dark is the absence of light.</p> <p>Notice that light is reflected from surfaces.</p> <p>Recognise that light from the sun can be dangerous and that there are ways to protect our eyes.</p>	<p>Recognise that shadows are formed when the light from a light source is blocked by an opaque object.</p> <p>Find patterns in the way the size of shadows change.</p>
	Forces and Magnets	<p>Compare how things move on different surfaces.</p> <p>Notice that some forces need contact between two objects, but magnetic forces can act at a distance.</p> <p>Observe how magnets attract or repel each other and attract some materials and not others.</p>	<p>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.</p> <p>Describe magnets as having two poles.</p> <p>Predict whether two magnets will attract or repel each other, depending on which poles are facing.</p>
	Plants	<p>Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.</p> <p>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.</p>	<p>Investigate the way in which water is transported within plants.</p> <p>Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p>
	Materials and Properties	<p>Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</p>	<p>Describe in simple terms how fossils are formed when things that have lived are trapped within rock.</p> <p>Recognise that soils are made from rocks and organic matter.</p>
	Animals Including Humans	<p>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.</p>	<p>Identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p>
	Creativity and Imagination	<p>Show awareness of, and pride in, own individuality, including their own creativity and imagination. EGC</p> <p>Demonstrate valuing others as equal and different, celebrating others' creativity and imagination. EGC</p> <p>Develop the belief that mistakes are essential to learning and can be turned into opportunities.</p>	<p>Actively discuss what inspires their work, taking time to research ideas.</p> <p>Practise new skills and explore, merging skills from different subject areas.</p> <p>Discuss communicating deeper meaning, themes and purpose within work.</p>
Behave 	Social Action and Community Involvement	<p>Explain what fairness means, showing an awareness of, and concern for, people's feelings. EGC</p> <p>Give examples of what it can mean to be "rich" or "poor" in local and other contexts, referring to what is regarded valuable. EGC</p> <p>Show interest in, and concern for, others outside immediate circle and in contexts different to own, showing respect for other people's feelings and ideas. EGC</p>	<p>Demonstrate respect for the rights of others through exploring belief that everyone has equal rights. EGC</p> <p>Discuss belief that people can make a difference, both on their own and when they work together, showing willingness to stand up and speak up for others. EGC.</p> <p>Analyse community needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch</p>
	Global Learning and Sustainability	<p>Compare similarities and differences between peoples and places in local setting and also in wider contexts/various parts of the world. EGC</p> <p>Identify links between local community and wider world, actively trying to make connections to make a positive</p>	<p>Suggest how people can damage or improve the environment, showing concern about the local environment and willingness to care for it. EGC</p> <p>Discuss taking care of resources and not wasting them, reflecting on own attitudes and practices on waste. EGC</p>

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impact on others and self. EGC
Show positive and negative impacts of people's actions (including own choices) on others and environment. EGC

Analyse global needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch

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Year 4		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
Belong 	Communication and Pupil Voice	<p>Listen carefully to others, respectfully stating opinions with clear reasons - showing reflection from feedback or mistakes. EGC</p> <p>Participate in discussions about issues that affect self, others and the wider world, increasingly taking action when something is unfair. EGC</p> <p>Recognise effects of own behaviour on others and use this to help make choices. EGC</p>	<p>Research basic human rights and how some people have these denied, including uneven sharing of power and how some people are excluded from decision-making. EGC</p> <p>Contribute actively and constructively to the life of own class and school, identifying matters that are important to self and others- taking part in making and changing rules. EGC</p> <p>Explore rights in class and school, discussing the need to respect the rights of others. EGC</p>
	Teamwork and Leadership	<p>Give examples of what contributes to self-identity and belonging, developing sense of belonging and valuing of relationships with others. EGC</p> <p>Discuss causes of disagreement and conflict at personal, classroom and household levels, suggesting some ways of avoiding, managing and resolving conflict. EGC</p> <p>Play and work cooperatively, showing willingness to participate in activities both in and out of the classroom. EGC</p>	<p>Explore belief that that everyone should be included and able to participate, helping to ensure that everyone in own group is included. EGC</p> <p>Begin to show tact and diplomacy, listening to different viewpoints and offering solutions or to achieve goals. EGC</p> <p>Show willingness to learn from the experiences of others, listening respectfully to the ideas and views of others even when one disagrees. EGC</p>
	Problem Solving and Critical Thinking	<p>Apply a positive mindset in trying to find a solution and continuing to see possible failure as a possible opportunity. Actively seek to get to the root of a problem by continuing to ask "why".</p> <p>Ask relevant questions that deepen their knowledge and understanding about "why" or "how". EGC</p>	<p>Explore merits of different viewpoints. EGC</p> <p>Explicitly learn and use different approaches to solve problems. EGC</p> <p>Use feelings about changes in own life and locality to apply own experiences to solve problems. EGC</p>
Believe 	Working Scientifically	<p>Act on suggestions and put forward my own ideas about how to find the answer to a question.</p> <p>Carry out a fair test, and explain why it was fair.</p> <p>Choose suitable equipment to measure data for experiments involving length, mass, time and temperature.</p>	<p>Record findings using relevant scientific language, drawings, labelled diagrams, bar charts and tables.</p> <p>Use straightforward, scientific evidence to answer questions and to support my findings.</p> <p>Look for patterns in my data and try to explain them.</p> <p>Use results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests.</p>
	Sound	<p>Identify how sounds are made, associating some of them with something vibrating.</p> <p>Recognise that vibrations from sounds travel through a medium to the ear.</p> <p>Find patterns between the pitch of a sound and features of the object that produced it.</p>	<p>Find patterns between the volume of a sound and the strength of the vibrations that produced it.</p> <p>Recognise that sounds get fainter as the distance from the sound source increases.</p>
	Electricity	<p>Identify common appliances that run on electricity.</p> <p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.</p> <p>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.</p>	<p>Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</p> <p>Recognise some common conductors and insulators, and associate metals with being good conductors.</p>
	Living Things and Habitats	<p>Recognise that living things can be grouped in a variety of ways.</p> <p>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.</p>	<p>Recognise that environments can change and that this can sometimes pose dangers to living things.</p>
	Materials and Properties	<p>Compare and group materials together, according to whether they are solids, liquids or gases.</p> <p>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).</p>	<p>Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>
	Animals Including Humans	<p>Describe the simple functions of the basic parts of the digestive system in humans.</p> <p>Identify the different types of teeth in humans and their simple functions.</p>	<p>Construct and interpret a variety of food chains, identifying producers, predators and prey.</p>
	Creativity and Imagination	<p>Show awareness of, and pride in, own individuality, including their own creativity and imagination. EGC</p> <p>Demonstrate valuing others as equal and different, celebrating others' creativity and imagination. EGC</p> <p>Develop the belief that mistakes are essential to learning and can be turned into opportunities.</p>	<p>Actively discuss what inspires their work, taking time to research ideas.</p> <p>Practise new skills and explore, merging skills from different subject areas.</p> <p>Discuss communicating deeper meaning, themes and purpose within work.</p>
Behave 	Social Action and Community Involvement	<p>Explain what fairness means, showing an awareness of, and concern for, people's feelings. EGC</p> <p>Give examples of what it can mean to be "rich" or "poor" in local and other contexts, referring to what is regarded valuable. EGC</p> <p>Show interest in, and concern for, others outside immediate circle and in contexts different to own, showing respect for other people's feelings and ideas. EGC</p>	<p>Demonstrate respect for the rights of others through exploring belief that everyone has equal rights. EGC</p> <p>Discuss belief that people can make a difference, both on their own and when they work together, showing willingness to stand up and speak up for others. EGC.</p> <p>Analyse community needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch</p>
	Global Learning and Sustainability	<p>Compare similarities and differences between peoples and places in local setting and also in wider contexts/various parts of the world. EGC</p> <p>Identify links between local community and wider world, actively trying to make connections to make a positive impact on others and self. EGC</p> <p>Show positive and negative impacts of people's actions (including own choices) on others and environment. EGC</p>	<p>Suggest how people can damage or improve the environment, showing concern about the local environment and willingness to care for it. EGC</p> <p>Discuss taking care of resources and not wasting them, reflecting on own attitudes and practices on waste. EGC</p> <p>Analyse global needs in: biodiversity, energy, global citizenship, healthy living, litter, marine, school grounds, transport, waste, water. ESch</p>

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Year 5		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
Belong 	Communication and Pupil Voice	<p>Listen attentively, question and respond to others, expressing own views and ideas on issues clearly by giving reasons that include appropriate evidence and examples. EGC</p> <p>Explore UN Convention on the Rights of the Child, developing awareness of those responsible for rights being met (e.g. teachers, local and national government) and analyse reasons why some people have their rights denied. EGC</p> <p>Participate in school decision making, sharing opinions and evidence with others including decision-makers. EGC</p>	<p>Demonstrate basics of how own country and region is governed, appreciating the need for rules in own school and wider society and how people can take part in making and changing them. EGC</p> <p>Challenge discrimination, exploring reasons for negative feelings towards others in new or difficult situations. EGC</p> <p>Identify connections between personal decisions and issues affecting people locally and globally, making decisions that contribute to the well-being of the wider community. EGC</p>
	Teamwork and Leadership	<p>Show positivity about the ways in which one is both similar to others and uniquely different, celebrating contributions of different cultures to our lives. EGC</p> <p>Identify the nature of prejudice, racism and sexism and ways to combat these. EGC</p> <p>Analyse some causes and effects of conflict at all levels from personal to global, researching examples of conflicts past and present in own society and others. EGC</p> <p>Work cooperatively to solve problems or achieve goals, exploring a variety of different roles within a team. EGC</p>	<p>Use strategies to manage anger, frustration and aggressive feelings and apply these for managing, resolving and preventing conflict, including 'win-win' solutions. EGC</p> <p>Use knowledge of others' viewpoints to resolve problems and compromise, recognising the benefits of listening to a range of different perspectives and viewpoints. EGC</p> <p>Take active participation in school-based decision making and champion proactive inclusion of other people, especially those who may face barriers to participating fully. EGC</p>
	Problem Solving and Critical Thinking	<p>Begin to identify bias and opinion by analysing root of contrasting sources of information, including the media. EGC</p> <p>Give evidence for an argument, assess different viewpoints and present counter-arguments. EGC</p> <p>Imagine alternative possibilities and suggest new ideas to solve problems. EGC</p> <p>Recognise when there may be no single right or wrong answer and to show respect for differing viewpoints. EGC</p>	<p>Analyse suggestions to problems, thinking a few steps ahead about effect of decisions and what opportunities or further problems may arise.</p> <p>Applying feelings about changes and events in own setting and the wider world to make ethical decisions. EGC</p> <p>Use strategies to cope with self-care, mental-health and challenging times. EGC</p>
Believe 	Working Scientifically	<p>Plan enquiries, including recognising and controlling variables where necessary.</p> <p>Use appropriate techniques, apparatus and materials during fieldwork and laboratory work.</p> <p>Take measurements, using a range of scientific equipment, with increasing accuracy and precision.</p> <p>Record data and results using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models.</p> <p>Report findings from enquiries, including oral and written explanations of results and conclusions.</p>	<p>Present findings in written form, displays and other presentations.</p> <p>Use my data to interpret patterns.</p> <p>Use test results to make predictions to set up further comparative and fair tests.</p> <p>Consider how changing one variable can alter another and can use -er words to describe this (e.g. the heavier the load, the longer the spring)</p>
	Earth and Space	<p>Describe the movement of the Earth and other planets relative to the sun in the solar system.</p> <p>Describe the movement of the moon relative to the Earth.</p> <p>Describe the sun, Earth and moon as approximately spherical bodies.</p>	<p>Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>
	Living Things and Their Habitats	<p>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</p> <p>Describe the life process of reproduction in some plants and animals.</p>	
	Materials and Properties	<p>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.</p> <p>Explain that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</p> <p>Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.</p>	<p>Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.</p> <p>Demonstrate that dissolving, mixing and changes of state are reversible changes.</p> <p>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.</p>
	Animals Including Humans	<p>Describe the changes as humans develop to old age.</p>	
	Creativity and Imagination	<p>Value what contributes to own identity, valuing their own and others' creativity and imagination. EGC</p> <p>Demonstrate valuing difference, exploring ideas from a range of cultures and viewpoints. EGC</p> <p>Interpret and discuss meaning within own and others' work, looking at motivations, experiences and viewpoints.</p>	<p>Actively use their creativity and imagination, including to help others.</p> <p>Think of multiple ways to answer a brief or answer a problem, using research as a starting point.</p> <p>Connect multiple skills from different subject areas to create something.</p>
Behave 	Social Action and Community Involvement	<p>Explain how fairness may not always mean equal treatment and develop sense of justice, showing offence at unfair treatment of others locally and globally. EGC</p> <p>Discuss some causes and effects of poverty and inequality (inc. gender) at local, national and global levels. EGC</p> <p>Adapt behaviour to readily think through consequences of words, actions and choices on others' feelings. EGC</p> <p>Take growing interest in world events and global issues, empathising with people in local and global contexts. EGC</p>	<p>Understand impacts of prejudice and discrimination, fostering belief that it is everyone's responsibility to challenge prejudice and discrimination. EGC</p> <p>Share belief that individuals and groups can improve situations, showing willingness to cooperate with others to change things for the better. EGC</p> <p>Action community needs in: biodiversity, energy...etc ESch.</p>
	Global Learning and Sustainability	<p>Explore and appreciate diversity of cultures and societies within and beyond own experience, researching global connections between peoples and countries (e.g. through trade and communications). EGC</p> <p>Investigate how local actions affect the wider world. EGC</p> <p>Demonstrate understanding of basics of climate change and people's dependencies on the environment. EGC</p>	<p>Explain environmentally responsible living and global inequalities in ecological footprints. EGC</p> <p>Discuss sense of responsibility for the environment and the use of resources. EGC</p> <p>Commit to taking action to protect and improve environment and quality of life for people locally and globally. EGC</p> <p>Action global needs in: biodiversity, energy...etc. ESch</p>

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Year 6		Each bee plays a part in the hive- "Just as a body, though one, has many parts, but all its many parts form one body, so it is with Christ."	
		The pupil can ...	Exemplar materials
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Believe 	Working Scientifically	<p>Plan enquiries, deciding on the most appropriate approach, and describing how to vary one factor while keeping the others the same.</p> <p>Select apparatus and plan to use them effectively and safely.</p> <p>Make a series of observations, comparisons or measurements with precision and can record these systematically.</p> <p>Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models.</p>	<p>Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions.</p> <p>Use scientific language and conventions to communicate quantitative and qualitative data.</p> <p>Repeat observations and measurements and offer explanation for any differences encountered.</p> <p>Draw conclusions that are consistent with the evidence and relate these to scientific knowledge.</p> <p>Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments.</p>
	Evolution and Inheritance	<p>Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p> <p>Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.</p>	<p>Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>
	Light	<p>Recognise that light appears to travel in straight lines.</p> <p>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.</p>	<p>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.</p> <p>Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p>
	Forces and Magnets	<p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</p> <p>Identify the effects of air resistance, water resistance and friction that act between moving surfaces.</p>	<p>Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.</p>
	Electricity	<p>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.</p>	<p>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.</p> <p>Use recognised symbols when representing a simple circuit in a diagram.</p>
	Living Things and Habitats	<p>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.</p> <p>Give reasons for classifying plants and animals based on specific characteristics.</p>	
	Animals Including Humans	<p>Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</p>	<p>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p> <p>Describe the ways in which nutrients and water are transported within animals, including humans.</p>
	Creativity and Imagination	<p>Value what contributes to own identity, valuing their own and others' creativity and imagination. EGC</p> <p>Demonstrate valuing difference, exploring ideas from a range of cultures and viewpoints. EGC</p> <p>Interpret and discuss meaning within own and others' work, looking at motivations, experiences and viewpoints.</p>	<p>Actively use their creativity and imagination, including to help others.</p> <p>Think of multiple ways to answer a brief or answer a problem, using research as a starting point.</p> <p>Connect multiple skills from different subject areas to create something.</p>
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	<p>Global Learning and Sustainability</p>	<p>Take growing interest in world events and global issues, empathising with people in local and global contexts. EGC</p> <p>Explore and appreciate diversity of cultures and societies within and beyond own experience, researching global connections between peoples and countries (e.g. through trade and communications). EGC</p> <p>Investigate how local actions affect the wider world. EGC</p> <p>Demonstrate understanding of basics of climate change and people's dependencies on the environment. EGC</p>	<p>Action community needs in: biodiversity, energy...etc ESch.</p> <p>Explain environmentally responsible living and global inequalities in ecological footprints. EGC</p> <p>Discuss sense of responsibility for the environment and the use of resources. EGC</p> <p>Commit to taking action to protect and improve environment and quality of life for people locally and globally. EGC</p> <p>Action global needs in: biodiversity, energy...etc. ESch</p>
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