



ELGS:

- Participate in small group, class and one to one discussion, offering their own ideas, using recently introduced vocabulary;
- Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices;
- Show sensitivity to their own and to others' needs;
- Make comments about what they have heard and ask questions to clarify their understanding;
- Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhyme and poems when appropriate;
- Talk about the lives of people around them and their role in society; Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps;
- 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; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter;
- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.

	Pre-school	Reception
Animals Including Humans- Biology	<ul style="list-style-type: none"> ○ Is increasingly independent in meeting their own care needs. ○ Begins to make healthy choices about food, drink, activity and toothbrushing. ○ Talk about and name their body parts and functions. ○ Make connections between the features of their family and other families. ○ Notice differences between people. ○ Use senses to explore the world around them. ○ Begin to understand the need to respect and care for the natural environment and all living things. ○ Begin to identify and talk about different life cycles. ○ Notice similarities and differences between people, reflecting on differences positively. ○ Talk about what they can see outside using a wide vocabulary. ○ Show understanding that we need to care for living things, e.g. - watering plants, handling insects gently. 	<ul style="list-style-type: none"> ○ Start to know ways to stay healthy ○ Sort healthy foods from less nutritional food ○ Discuss healthy food choices ○ Discuss why it is important to brush our teeth, in simple terms, and knows some foods which may be harmful to our teeth ○ Make detailed observations of the world around them thinking about their senses. ○ Start to explore the natural world. ○ Make reference to changes to the natural world, weather and our habits. ○ Describe animals and plants (both from photos and real-life experiences). ○ Talk about what they can see outside using a wide vocabulary. ○ Show understanding that we need to care for living things, e.g. - watering plants, handling insects gently.



<p>Plants- Biology</p>	<ul style="list-style-type: none">○ Explore and respond to different natural phenomena in their setting and on trips.○ Begin to understand the need to respect and care for the natural environment and all living things.○ Use senses to explore the world around them.○ Talk about what they can see outside using a wide vocabulary.○ Show understanding that we need to care for living things, e.g. - watering plants, handling insects gently.○ Use their senses to explore natural materials and describe what they observe, e.g. - "a heavy log" "wet leaves".	<ul style="list-style-type: none">○ Start to explore the natural world.○ Explore and talk about the natural world using what I know from stories/ non-fiction.○ Make more careful observations. Use your senses outside. (e.g. - "The ice has melted; look it's a puddle now") and use an increasingly mature vocabulary when discussing the natural world, e.g. - soil, roots, stem, temperature, melt.○ Make simple drawings of natural objects, e.g. - leaf.○ Describe animals and plants (both from photos and real-life experiences).○ Drawings show closer observation of details they have observed, e.g. - an attempt to represent the veins on a leaf.○ Talk about what they can see outside using a wide vocabulary.
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	Pre-school	Reception
Materials- Chemistry/Physics	<ul style="list-style-type: none">○ Explore materials with different properties.○ Explore natural materials, indoors and outside.○ Use senses to explore the world around them.○ Talk about what they can see outside using a wide vocabulary.○ Talk about differences between materials and changes they notice in simple terms, e.g. - when cooking, melting ice etc. Change materials e.g. - adding water to cornflour, mixing paint etc.○ Use their senses to explore natural materials and describe what they observe, e.g. - “a heavy log” “wet leaves”.○ Explore different materials, using all their senses to investigate them○ Manipulate and play with different materials.○ Use their imagination as they consider what they can do with different materials.○ Explore art materials and colour mixing freely.○ Explore different materials freely, using them with a purpose.○ Beginning to be interested in and describe the texture of things.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Make more careful observations. Use your senses outside. (e.g. - “The ice has melted; look it’s a puddle now”) and use an increasingly mature vocabulary when discussing the natural world, e.g. - soil, roots, stem, temperature, melt.○ Talk about the differences in materials.○ Talk about changes e.g. - freezing, melting (linked to baking, paint mixing, mud play, etc).○ Start to join materials together.○ Explore art materials and colour mixing freely.○ Choose materials to achieve a goal, e.g. - selecting a plastic yoghurt pot to turn into a boat due to its waterproof nature.○ Talk about what they can see outside using a wide vocabulary.○ Talk about differences between materials and changes they notice in simple terms, e.g. - when cooking, melting ice etc. Change materials e.g. - adding water to cornflour, mixing paint etc.○ Use their senses to explore natural materials and describe what they observe, e.g. - “a heavy log” “wet leaves”.○ Talk about changes e.g. - freezing, melting (linked to baking, paint mixing, mud play, etc).



	Pre-school	Reception
Light- Physics	<ul style="list-style-type: none">○ Explore and respond to different natural phenomena in their setting and on trips.○ Use senses to explore the world around them.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Explore and talk about the natural world using what I know from stories/ non-fiction.○ Talk about what they can see outside using a wide vocabulary.
Sound- Physics	<ul style="list-style-type: none">○ Show skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movement or a new image.○ Use senses to explore the world around them.○ Show attention to sounds and music.○ Explore their voices and enjoy making sounds.○ Join in with songs and rhymes, making some sounds.○ Explore a range of sound makers and instruments and play them in different ways.	<ul style="list-style-type: none">○ Start to explore the natural world.



	Pre-school	Reception
Earth and Space - Physics	<ul style="list-style-type: none">○ Use senses to explore the world around them.○ Talk about what they can see outside using a wide vocabulary.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Explore and talk about the natural world using what I know from stories/ non-fiction.○ Talk about what they can see outside using a wide vocabulary.
Electricity- Physics	<ul style="list-style-type: none">○ Use senses to explore the world around them.	<ul style="list-style-type: none">○ Start to explore the natural world.



	Pre-school	Reception
Seasonal changes - Physics:	<ul style="list-style-type: none">○ Explore and respond to different natural phenomena in their setting and on trips.○ Use senses to explore the world around them.○ Talk about what they can see outside using a wide vocabulary.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Make more careful observations. Use your senses outside. (e.g. - "The ice has melted; look it's a puddle now") and use an increasingly mature vocabulary when discussing the natural world, e.g. - soil, roots, stem, temperature, melt.○ Discuss change in seasons from Summer > Autumn, and then Autumn > Winter○ Make reference to changes to the natural world, weather and our habits.○ Talk about the area they love in including the weather.○ Talk about the weather linked to seasonal change.○ Offer simple, logical explanations for what they have observed, e.g. "Maybe it melted because the weather is warmer" or "It is light so I think that helps it float".○ Talk about what they can see outside using a wide vocabulary
Forces- Physics	<ul style="list-style-type: none">○ Use senses to explore the world around them.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Talk about forces they feel e.g. - push, pull etc.○ Offer simple, logical explanations for what they have observed, e.g. "Maybe it melted because the weather is warmer" or "It is light so I think that helps it float".



	Pre-school	Reception
Living things and their habitats Biology	<ul style="list-style-type: none">○○ Begin to understand the need to respect and care for the natural environment and all living things.○ Use senses to explore the world around them.○ Begin to understand the need to respect and care for the natural environment and all living things○ Show understanding that we need to care for living things, e.g. - watering plants, handling insects gently.○ Use their senses to explore natural materials and describe what they observe, e.g. - "a heavy log" "wet leaves".	<ul style="list-style-type: none">○ Start to explore the natural world.○ Make more careful observations. Use your senses outside. (e.g. - "The ice has melted; look it's a puddle now") and use an increasingly mature vocabulary when discussing the natural world, e.g. - soil, roots, stem, temperature, melt.○ Compare different environments to their own E.g. - Desert/Arctic to own.○ Talk about what they can see outside using a wide vocabulary.
Evolution and inheritance Biology	<ul style="list-style-type: none">○ Use senses to explore the world around them.	<ul style="list-style-type: none">○ Start to explore the natural world.○ Talk about what they can see outside using a wide vocabulary.