

## Exploring Nature: Outdoor Learning Program

### Weekly Program Plan for Summer 2022

Week Number	Curriculum Focus	"Big Idea" Takeaways
1	<b>Understanding Matter and Energy</b> – Properties of Liquids and Solids	<ul style="list-style-type: none"> <li>- Materials that exist as liquids and solids have specific properties.</li> <li>- Liquids and solids interact in different ways.</li> <li>- Some liquids and solids can be harmful to us and the environment.</li> </ul>
2	<b>Understanding Life Systems</b> – Habitats and Communities	<ul style="list-style-type: none"> <li>- Plants and animals are interdependent and adapt to meet their needs from the resources available in their habitats.</li> <li>- Changes to habitats can affect plants and animals and the relationship between them.</li> <li>- We rely on plants and animals.</li> </ul>
3	<b>Understanding Life Systems</b> – Growth and Changes in Animals	<ul style="list-style-type: none"> <li>- An adaptation is a characteristic body part, shape or behaviour that helps an animal survive in its environment.</li> <li>- There are differences and similarities among different kinds of animals.</li> <li>- It is important for us to protect animals and the places where they live.</li> </ul>
4	<b>Understanding Structures &amp; Mechanisms</b> – Strong and Stable Structures	<ul style="list-style-type: none"> <li>- Structures have both form and function.</li> <li>- Different forces can act on structures and have an impact on them.</li> <li>- Structures need to be strong and stable to be useful.</li> </ul>
5	<b>Understanding Matter &amp; Energy</b> – Light and Sound	<ul style="list-style-type: none"> <li>- Light and sound are forms of energy with specific properties.</li> <li>- Light is required to see.</li> <li>- Technology innovations involving light and sound have an impact on the environment.</li> </ul>

<b>Week Number</b>	<b>Curriculum Focus</b>	<b>“Big Idea” Takeaways</b>
6	<b>Understanding Life Systems</b> – Growth and Changes in Plants	<ul style="list-style-type: none"><li>- Plants have distinct characteristics.</li><li>- There are similarities and differences among various types of plants.</li><li>- Plants are a primary source of food for humans and are important for the planet.</li><li>- We need to protect plants and their habitats.</li></ul>
7	<b>Understanding Earth and Space Systems</b> – Soils in the Environment	<ul style="list-style-type: none"><li>- Soil is made up of many living and non-living things.</li><li>- There are different types of soils that are important for different purposes.</li><li>- We can have both a negative and positive impact on the soils within the environment.</li></ul>
8	<b>Understanding Earth and Space Systems</b> – Air and Water in the Environment	<ul style="list-style-type: none"><li>- Air and water are major parts of our environment.</li><li>- Living things need air and water to survive.</li><li>- Our actions affect the quality of air and water, and its ability to sustain life.</li></ul>