

**SCIENCE FIRST LEVEL**

**PLANET EARTH**

**FORCES ELECTRICITY AND WAVES**

**BIOLOGICAL SYSTEMS**

**MATERIALS**

P2	P3	P4
<p>I can distinguish between living and non-living things. I can sort living things into groups and explain my decisions. <b>SCN 1-01a</b></p> <p>I can explore examples of food chains and show an appreciation of how animals and plants depend on each other for food. <b>SCN 1-02a</b></p> <p>I can help to design experiments to find out what plants need in order to grow and develop. I can observe and record my findings and from what I have learned I can grow healthy plants in school. <b>SCN 1-03a</b></p> <p>I am aware of different types of energy around me and can show their importance to everyday life and my survival. <b>SCN 1-04a</b></p> <p>By researching, I can describe the position and function of the skeleton and major organs of the human body and discuss what I need to do to keep them healthy. <b>SCN 1-12a</b></p> <p>I have explored my senses and can discuss their reliability and limitations in responding to the environment. <b>SCN 1-12b</b></p> <p>I know the symptoms of some common diseases caused by germs. I can explain how they are spread and discuss how some methods of preventing and treating disease benefit society. <b>SCN 1-13a</b></p> <p>By comparing generations of families of humans, plants and animals, I can begin to understand how characteristics are inherited. <b>SCN 1-14a</b></p>	<p>By investigating forces on toys and other objects, I can predict the effect on the shape or motion of objects. <b>SCN 1-07a</b></p> <p>By exploring the forces exerted by magnets on other magnets and magnetic materials, I can contribute to the design of a game. <b>SCN 1-08a</b></p> <p>By investigating how water can change from one form to another, I can relate my findings to everyday experiences. <b>SCN 1-05a</b></p> <p>Through exploring properties and sources of materials, I can choose appropriate materials to solve practical challenges. <b>SCN 1-15a</b></p> <p>I can make and test predictions about solids dissolving in water and can relate my findings to the world around me. <b>SCN 1-16a</b></p>	<p>I can describe an electrical circuit as a continuous loop of conducting materials. I can combine simple components in a series circuit to make a game or model. <b>SCN 1-09a</b></p> <p>By collaborating in experiments on different ways of producing sound from vibrations, I can demonstrate how to change the pitch of the sound. <b>SCN 1-11a</b></p> <p>By safely observing and recording the sun and moon at various times, I can describe their patterns of movement and changes over time. I can relate these to the length of a day, a month and a year. <b>SCN 1-06a</b></p>
<p><b>Topical Science - To be covered on a yearly basis as appropriate.</b> (<i>Topical Science – by considering current issues of science, learners increasingly develop their understanding of scientific concepts and their capacity to form informed social, moral and ethical views. They reflect upon and critically evaluate media portrayal of scientific findings.</i>)</p> <p>I have contributed to discussions of current scientific news items to help develop my awareness of science. <b>SCN 1-20a</b></p>		
<p align="center"><b>SUGGESTED CROSS CURRICULAR LINKS AS PER CFE DOCUMENT</b></p> <p>Throughout all my learning, I take appropriate action to ensure conservation of materials and resources, considering the impact of my actions on the environment. <b>TCH 1-02a</b></p>		