**Primary 2 Science Curriculum**

|  |  |  |
| --- | --- | --- |
| Experiences and outcomes for pupils. National guidelines. | Detail | Significant aspects of learning and *learner statements* |
| SCN 1-06a | 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. | Planet Earth (Space)  The sun, moon and earth; patterns of movement and changes over time. Length of a day, a month and a year. Seasons |
| SCN 1-12a | 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 | Biological Systems (Body Systems & Cells)  The main bones of the skeleton; major organs of the body; position, name and functions |
| SCN 1-13a | 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. | Biological Systems (Body Systems & Cells)  Common diseases caused by microorganisms. Microorganisms and the spread and prevention of disease |
| SCN 1-16a | I can make and test predictions about solids dissolving in water and can relate my findings to the world around me. | Materials (Properties and uses of substances)  Substances can be pure or mixtures. Separating mixtures of substances; common everyday examples |
| SCN 1-05a | By investigating how water can change from one form to another, I can relate my findings to everyday experiences. | Planet Earth (Processes of the planet)  Water changing form; melting, freezing and boiling.  Processes of evaporation and condensation |
| SCN 1-11a | By collaborating in experiments on different ways of producing sound from vibrations, I can demonstrate how to change the pitch of the sound. | Forces, Electricity & Waves  (Vibrations & Waves)  Produce sound from vibrations and change the pitch of sound. |
| SCN 1-04a | I am aware of different types of energy around me and can show their importance to everyday life and my survival. | Planet Earth (Energy Sources & Sustainability)  Types of energy and their sources; the importance of energy for everyday life and for survival |
| SCN 1-12b | I have explored my senses and can discuss their reliability and limitations in responding to the environment. | Biological Systems (Body Systems & Cells)  The reliability and limitations of senses in responding to the environment |