**Primary 4 Science Curriculum**

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| Experiences and outcomes for pupils. National guidelines. | Detail | Significant aspects of learning and *learner statements* |
| SCN 1-20a | I have contributed to discussions of current scientific news items to help develop my awareness of science. | Topical Science Contribute to discussion of current scientific news items.                     |
| 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 1-09a | 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. | Forces, Electricity & Waves (Electricity) A circuit as a continuous loop of conducting materials; simple components linked in series circuits.  |
| SCN 1-15a | Through exploring properties and sources of materials, I can choose appropriate materials to solve practical challenges.  | Materials (Properties and uses of substances) Properties and sources of materials for a purpose and practical use. |
| SCN 1-08a | By exploring the forces exerted by magnets on other magnets and magnetic materials, I can contribute to the design of a game. | Forces, Electricity & Waves (Forces) Forces between magnets and magnetic materials.  |
| 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  |