**Primary 3 Science Curriculum**

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| Experiences and outcomes for pupils. National guidelines. | Detail | Significant aspects of learning and *learner statements* |
| SCN 1-03a | 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. | Planet Earth (Biodiversity and interdependence)  Plant requirements for healthy growth  and development |
| 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. |
| SCN1-07a | By investigating forces on toys and other objects, I can predict the effect on the shape or motion of objects. | Forces, Electricity & Waves  The effect of forces on the shape and motion of objects |
| SCN 1-01a | I can distinguish between living and non living things. I can sort living things into groups and explain my decisions. | Planet Earth (Biodiversity and interdependence)  Living and non-living things; sorting living things into groups |
| SCN1-14a | By comparing generations of families of humans, plants and animals, I can begin to understand how characteristics are inherited. | Biological Systems (Inheritance)  Differences the characteristics of individuals in different generations of plant and animal families; Inheritance of characteristics |