**What I need to do in science in Year 2**

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| **Working scientifically, I need to be able to:** |  | **☺** | **😐** |
| ask simple questions and recognise that they can be answered in different ways. |  |  |  |
| observe closely, using simple equipment. |  |  |  |
| perform simple tests. |  |  |  |
| identify and classify |  |  |  |
| use my observations and ideas to suggest answers to questions |  |  |  |
| gather data to help in answering questions. |  |  |  |
| record data to help in answering questions. |  |  |  |

**What I need to do in Year 2 Living things and their habitats**

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| **I need to be able to:** |  | **☺** | **😐** |
| explore and compare the differences between things that are living,  dead, and things that have never been alive. |  |  |  |
| identify that most living things live in habitats to which they are suited. |  |  |  |
| describe how different habitats provide for the basic needs of different kinds of animals and plants |  |  |  |
| describe how different kinds of animals and plants depend on each other |  |  |  |
| identify and name a variety of plants and animals in their habitats, including micro-habitats. |  |  |  |
| describe how animals obtain their food from plants and other animals, using the idea of a simple food chain. |  |  |  |
| identify and name different sources of food. |  |  |  |

**What I need to do in Year 2: Plants**

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| **I need to be able to:** |  | **☺** | **😐** |
| observe and describe how seeds and bulbs grow into mature plants. |  |  |  |
| find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. |  |  |  |

**What I need to do in Year 2 Animals, including humans**

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| **I need to be able to:** |  | **☺** | **😐** |
| notice that animals, including humans, have offspring which grow  into adults. |  |  |  |
| find out about and describe the basic needs of animals, including humans, for survival (water, food and air). |  |  |  |
| describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. |  |  |  |

**What I need to do in Year 2 Uses of everyday materials**

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| **I need to be able to:** |  | **☺** | **😐** |
| identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. |  |  |  |
| find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. |  |  |  |