**Year 2**

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| **Biology - Animals including humans****Understand how animals, including humans, grow into healthy adults** |
| To understand the term offspring |
| To know offspring grow into adults |
| To know that some offspring don’t look like their adult |
| To know that animals, including animals need water, food & air to survive |
| To know to grow into a healthy adult the importance of exercise, healthy eating and hygiene |

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| **Biology - Plants****Know how to grow a healthy plant** |
| To know a plant starts as a seed or a bulb |
| To observe and describe how seeds and bulbs grow |
| To know that plants need water, light and warmth to grow and stay healthy |

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| **Biology - Living things and their habitats****To understand the importance of a habitat** |
| To compare things that are living, dead and never been alive |
| To name a variety of plants/animals suited to a habitat/microhabitat (movement, finding food) |
| To understand that habitats provide shelter, food & water for animals & plants |
| To understand that plants/animals within a habitat depend on each other |
| To construct a simple food chain starting with a plant |

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| **Chemistry - Use of everyday materials****To compare materials suitability for different uses****To recognise that some materials can change shape by applying force** |
| To understand why a material is suitable or not suitable for a specific purpose using the vocabulary, **opaque, transparent and translucent, reflective, non-reflective, flexible, rigid** |
| To label a picture or diagram of an object made from a combination of different materials describing their properties. e.g. house is made from bricks, slate, glass because … |
| To understand what properties a suitable material needs to have |
| To know how the shape of a material can be changed in a variety of ways - **squashing, bending, twisting and stretching** |