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| **Living things and their habitats**The children will be taught:* that all living things grow, need to eat and drink, feel things changing around them, breath and have offspring
* to identify things that are alive, were once alive and have never been alive
* the meaning of habitat and micro- habitat
* about common habitats around the world
* that a habitat provides basic needs to the animals and plants
* why animals are found in specific habitats, e.g. why a frog prefers a pond
* to name micro-habitats found within the school environment
* to identify plants and animals in their habitats and micro-habitats
* that animals either eat plants or other animals
* how a food chain works, starting with a plant.
 | **Plants**The children will be taught:* what seeds and bulbs will turn into
* what germinate (germination) means
* that a seed must have water to germinate
* to make accurate measurements and detailed observations to show the growth of seed or bulb
* that a plant needs water, light and warmth to grow healthily.
 | **Uses of everyday materials**The children will be taught:* to describe a material by its physical properties
* why a material would or would not be suitable to use for a given purpose
* different uses for wood, plastic, fabric and metal in everyday life at home and school
* to use the term solid and non-solid when describing an object
* about simple characteristics that make something a solid
* what the terms squashed, bent, twisted and stretched mean and how they change solid objects
* to identify some solid materials in their environment which can or cannot be changed.
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| **Animals including humans**The children will be taught:* that a lifecycle shows the growth of an animal after birth
* how to draw/say a basic lifecycle for animals such as chicken, insect, frog and human
* why living things need water, food and air to survive
* why it is important that humans take exercise
* about which types of food we should eat more of and less of.
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| **Working scientifically. The children will have the opportunity to:*** ask simple questions and recognising that they can be answered in different ways
* observe closely, using simple equipment
* perform simple tests
* identify and classify living things and materials
* use their observations and ideas to suggest answers to questions
* gather and record data to help in answering questions
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