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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. |
| **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. | | |
| **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 | | |