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| A science logo with a shell and a snail  Description automatically generated with medium confidence | **YEAR 1/2** | **YEAR 3/4** | **YEAR 5/6** |
| **CYCLE A**  **(2023/24)** | **Animals including humans**   * Exercise, diet and hygiene, reproduction and growth of offspring, basic needs   **Everyday materials**   * Object v material, identify and describe simple properties, group materials * Suitability of materials for particular uses   **Animals including humans**   * Name common animals and describe structure   **Living things and their habitats**   * Describe simple food chains * Name plants and animals in their habitats   **Plants**   * Name common plants and describe their basic structure * Growth of seeds and bulbs into plants, basic needs | **Living things and their habitats**   * Group living things in a range of ways, use classification key, recognise that environments can change   **Animals including humans**   * Human digestive system, function and types of teeth, investigate food chains   **States of matter**   * Compare and group based on state of matter, changes of state, evaporation and condensation in the water cycle   **Sound**   * How sounds are made, pitch and volume   **Electricity**   * Construct simple series circuits, understand complete circuits, use switches, recognise conductors and insulators | **Living things and their habitats**   * Classification of living things based on specific characteristics   **Animals including humans**   * Parts and functions of human circulatory system, impact of diet, exercise, drugs and lifestyle on the body’s functioning, transport of nutrients and water in animals   **Evolution and inheritance**   * Changes of living things over time, production of offspring, adaptations of plants and animals   **Light**   * How light travels, shape of shadows   **Electricity**   * Function of cells in a circuit, uses of switches, use of conventional symbols for circuit diagrams |
| **CYCLE B**  **(2024/25)** | **Animals including humans**   * Name basic parts of human body, link to senses * Carnivores, herbivores and omnivores  **Living things and their habitats**  * Describe simple food chains * Living v dead v never been alive, suitability of habitats, name plants and animals in their habitats   **Seasonal changes**   * Observe changes across the seasons including weather and day length   **Everyday materials**   * Suitability of materials for particular uses * Squashing, bending, twisting and stretching to change the shape of objects | **Animals including humans**   * Nutrition, function of skeletons and muscles   **Plants**   * Functions of parts of plants, requirements for life / growth, water transport, role of flowers in plant life cycle   **Rocks**   * Compare and group different types of rocks, formation of fossils   **Light**   * Light for seeing, shadows   **Forces and magnets**   * Movement of objects on different surfaces, how magnetic forces act, comparing and grouping materials based on magnetic properties | **Living things and their habitats**   * Life cycles of mammals, amphibians, insects and birds, reproduction in some plants and animals   **Animals including humans**   * Changes in humans as they develop   **Properties and changes of materials**   * Use properties of materials to group them, dissolving, separating mixtures, reversible and non-reversible changes   **Earth and space**   * Movement of Earth and other planets, movement of the moon, explain day and night   **Forces**   * Gravity, effects of air resistance, water resistance and friction, levers, pulleys and gears to strengthen a smaller force |