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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
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| **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
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