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|  | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Autumn 1** | **Light** | **Animals, including human** | **Living things and their habitats: Life Cycles of Animals** | **Electricity** |
| **Links to prior learning**  ***Sticky Vocabulary*** | 1 - seasonal changes  3 – shadows, reflection of light | 1 – name common animals, carnivores/herbivores, basic parts of a human body.  2 – basic needs of an animal, importance of exercise.  3 – nutrition and teeth  4 – digestion and skeleton purpose | 2 – compare living and dead, habitat suitability, simple food chains.  4 – classification keys, environments change  5 – life cycles, reproduction of plants and animals  6 – further classification giving reasons, microorganisms. | 4 – simple circuit, using switches, insulators/conductors.  6 – components function, symbols, difference in brightness of a bulb based on number of cells. |
| **Autumn 2** | **Rocks** | **Electricity** | **Animals, including human** | **Light** |
| **Links to prior learning**  ***Sticky Vocabulary*** | 3 – fossils, group based on appearance, soils. | 4 – simple circuit, using switches, insulators/conductors. | 1 – name common animals, carnivores/herbivores, basic parts of a human body.  2 – basic needs of an animal, importance of exercise.  3 – nutrition and teeth  4 – digestion and skeleton purpose  5 – circulatory system | 1 – seasonal changes  3 – shadows, reflection of light  6 – straight lines, shadows, reflect light into eyes. |
| **Spring 1** | **Animals, including humans** | **States of matter** | **Forces** | **Living things and their habitats** |
| **Links to prior learning**  ***Sticky Vocabulary*** | 1 – name common animals, carnivores/herbivores, basic parts of a human body.  2 – basic needs of an animal, importance of exercise.  3 – nutrition and teeth | 1 – recognise different materials, simple properties, compare and group  2 – suitability of materials, solid objects can change shape.  3 - rocks  4 – solids/liquids/gases, change of state, evaporation, condensation | 3 – magnetic/non-magnetic materials, attract/repel, movement on different surfaces  5 - earth and apace  5 – gravity, air resistance, water resistance, friction, levers, gears, pulleys. | 2 – compare living and dead, habitat suitability, simple food chains.  4 – classification keys, environments change  5 – life cycles, reproduction of plants and animals  6 – further classification giving reasons, microorganisms. |
| **Spring 2** | **Plants** | **Sound** | **Living things and their habitats: Life cycle of plants** | **Evolution and Inheritance** |
| ***Links to prior learning***  ***Sticky Vocabulary*** | 1 – name, basic structure  2 – seeds and bulbs, needs of a plant  3 – function of parts of a plant, water transport, parts included in the life cycle.  6 – classification | No links with prior learning. | 2 – compare living and dead, habitat suitability, simple food chains.  4 – classification keys, environments change  3 –parts included in the life cycle.  5 – life cycles, reproduction of plants and animals  6 – further classification giving reasons, microorganisms. | 3 - fossils  6 – fossils, change over time, offspring, adaptation |
| **Summer 1** | **Forces and magnets** | **Living things and their habitats** | **Earth and Space** | **Evolution and Inheritance continued** |
| ***Links to prior learning***  ***Sticky Vocabulary*** | 3 – magnetic/non-magnetic materials, attract/repel, movement on different surfaces | 2 – compare living and dead, habitat suitability, simple food chains.  4 – classification keys, environments change  5 – life cycles, reproduction of plants and animals  6 – further classification giving reasons, microorganisms. | 1 – seasonal changes  5 – planets, day/night, rotation | 3 - fossils  6 – fossils, change over time, offspring, adaptation |
| **Summer 2** |  |  | **Materials** | **Animals, including humans (PSHE)** |
| ***Links to prior learning***  ***Sticky Vocabulary*** |  |  | 1 – recognise different materials, simple properties, compare and group  2 – suitability of materials, solid objects can change shape.  3 - rocks  4 – solids/liquids/gases, change of state, evaporation, condensation  5 – solutions, dissolving, separating | 1 – name common animals, carnivores/herbivores, basic parts of a human body.  2 – basic needs of an animal, importance of exercise.  3 – nutrition and teeth  4 – digestion and skeleton purpose  5 – circulatory system  6 – changes humans go through |