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|  | Autumn1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer2 |
| Nursery | **Senses** | **Seasonal Changes –** Autumn time | **Seasonal Changes –** Spring time | **Seasonal Changes –** Spring time | **Life cycles** | **Forces** |
| Reception | **Senses** | **Seasonal Changes –** Autumn time | **Seasonal Changes –** Spring time | **Seasonal Changes –** Spring time | **Explore Natural World** | **Animals** |
| Year 1 | Observe changes across the four seasons. Observe and describe weather associated with the seasons and how day length changes. | | | | | |
| **Plants -** Identify plants in the | **Animals, including Humans -** Identify and name | **Materials -** Describe, identify and name | **Materials -** Properties, compare and group | **Animals, including Humans** - Carnivores, herbivores and omnivores | **Plants** - Features of a tree. |
| Year 2 | **Materials** -Identify and compare everyday materials | **Animals, including Humans-** That animals grow, needs of animals for survival | **Materials -** Squashing, bending, twisting and stretching objects | **Living things and their habitats -** Living, dead & never been alive things  Habitats & animals’ food | **Animals, including humans - Life** cycle stages, eating well & personal hygiene | **Plants -** Growth of different seeds and bulbs &needs of plants |
| Year 3 | **Rocks -** Different types of rocks and soils & fossils | **Forces and magnets -** How magnets work & magnetic and non-magnetic materials | **Animals, including humans –** Transportation of food, water and oxygen through animal bodies and skeletons & muscles | **Light -** how light helps us to see and how light can be reflected; shadows and how they change over time | **Forces and magnets -** How things move on different surfaces & simple pulleys | **Plants -** Functions of different parts of a flowering plant & the way in which water is transported. |
| Year 4 | **States of Matter -** Solids, liquids and gases, heating and cooling materials & water evaporation | **Sound -** How sound is made, how it travels and how we hear | **Animals, including humans –** Teeth &  basic parts of the human digestive system | **Animals, including humans -** Food chains | **Electricity -** appliances that run on electricity &  simple circuits, conductors and insulators | **Living things and their habitats -** Classification keys & how environments change overtime. |
| Year 5 | **Forces -** gravity and other forces and how levers, pulleys & gears work | **Earth and Space –** movement of earth and other planets in relation to the Sun, the moon relative to earth and how day and night happens | **Forces -** Effects of air resistance, water resistance and friction | **All living things and their habitats -** Life cycles of different living things | **Properties of materials -**  Mixing different materials together & how new materials are made | **Animals, including humans -** changes as humans grow old, different rates animals mature and living to different ages |
| Year 6 | **Electricity -** Symbols used for drawing circuits.  how the number and voltage of cells affect a circuit. | **Living things and their habitats -** Classify living things into broad groups,  similarities & differences within species | **Evolution and inheritance** – Importance ofevolution & adaptations that may lead to evolution. | **Evolution and inheritance -** Inheritance and how characteristics are passed to offspring. | **Light** - How light travels and how shadows are made. | **Animals, including humans -** Breathing and pumping blood around the body, the effects & impacts of diet, exercise, drugs and lifestyle |