|  |
| --- |
| M:\Year 6 Planning\Parent Meeting\Logo.pngM:\Year 6 Planning\Parent Meeting\Logo.pngScience Subject Headlines 2020 -2021  |
|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Nursery | **Environment**Naming animals and plants  |  **Observations**Humans -similarities and differences  | **Plants and Animals**Noticing changes all around them  | **Changes**Understandinggrowth and decay  | **Changes**Growth and decay | **Revision and Expansion** |
| Reception | **Plants and Animals**Talking about plants and animals | **Growth and Decay**Developing an understanding of growth, decay and changes over time | **Patterns and Change**Looking at similarities/differences, patterns and change all around | **Humans**Similarities and differences between people- eyes, hair colour, skin  | **Observing Changes**Animals and Plants | **Revision and Expansion** |
| Year 1 | **Everyday Materials**Identify and name: wood, plastic, glass, metal, water, and rock | **Everyday Materials**Compare simple properties of materials | **Animals Including Humans**The Human Body- name, draw, label it | **Animals**Identify/name common animals fish, amphibians, reptiles, birds and mammals | **Plants**Identify/name common wild & garden plants, deciduous and evergreen trees | **Revision and Expansion** |
| Year 2 | **Living Things and their Habitats**Identify and name plants and animals in their habitats | **Living Things and their Habitats**Compare differences between things that are living, dead, and things that have never been alive | **Use of Everyday Materials**Identify suitability of everyday materials: wood, metal, plastic, glass, brick, rock, paper, cardboard  | **Plants**Observe & describe how seeds and bulbs grow into mature plants, what they need to grow | **Humans****I**mportance for humans of exercise, food, hygiene | **Revision and Expansion** |
| Year 3 |  **Light**Light and shadow exploration | **Animals including Humans**Human nutrition, the skeleton, muscles and movement | **Rocks**Compare and group rocks, fossils | **Forces and Magnets**Observe how magnets attract or repel each other, magnetic poles  | **Plants**Functions of different parts of flowering plants: roots, stem/trunk, leaves, flowers, seed dispersal | **Revision and Expansion** |
| Year 4 | **Electricity**Construct simple circuits, naming basic parts, conductors insulators | **Sound**Sounds and vibrations from sounds travel through a medium to the ear | **States of matter**Compare and group materials: solids, liquids or gases, changes of state | **Living things and their habitats**Classification keys to help group, identify and name living things | **Animals including Humans**Simple functions of the digestive system in humans, investigate teeth  | **Revision and Expansion** |
| Year 5 | **Forces**Gravity, effects of air resistance, water resistance and friction, levers, pulleys and gears | **Earth and Space**Movement of the Earth, and other planets, relative to the Sun in the solar system, explain day and night | **Properties and their changes**Compare/group materials on basis of properties e.g. hardness, solubility, transparency | **Living things and their habitats**Describe differences in the life cycles of a mammal, an amphibian, an insect and a bird | **Animals including Humans**Describe changes as humans develop to old age | **Revision and Expansion** |
| Year 6 | **Living things and their habitats**Classify living things including micro-organisms, plants and animals | **Electricity**Investigate effects of number and voltage of cells used in circuits, learn symbols | **Animals, including humans**Human circulatory system, functions of heart, blood vessels and blood. Diet and lifestyle | **Evolution and inheritance**Fossils, plant and animal adaptation | **Light and Shadow**Learn about how light travelsin straight lines, investigate light sources  | **Revision and Expansion** |