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| 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**  Understanding  growth 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 travels  in straight lines, investigate light sources | **Revision and Expansion** |