Science Curriculum Key Vocabulary

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| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Animals including humans** Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Herbivore, Omnivore, Carnivore, Skeleton | **Animals including humans** Survival, Air, Offspring, Hygiene, diet, lifecycle | **Animals including humans** Movement, Muscles, Nutrition, Cranium, Exoskeleton, Endoskeleton, Hydrostatic | **Animals including humans**  Oesophagus, Stomach, Small Intestine, Large Intestine, Canine, Incisor, Molar | **Animals including humans** Foetus, Embryo, Womb, Gestation, Baby, Development, Puberty | **Animals including humans** Circulatory, Blood Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Valve, Respiration |
| **Plants** | **Plants** | **Plants** | **Living things and their** | **Living things and their** | **Living things and their** |
| Deciduous, Evergreen trees, Petals, Roots, Seed, Branches, Stem |  Bulbs, Light, Growth, Dispersal, Expulsion, Condition  |  Nutrients, Transportation, Dispersal, Pollination, Flower. Stamen, Pollen, Filament, Anther, Style, Stigma, Carpel | **habitats**Vertebrates,Invertebrates, Environment, Habitats, Classification | **habitats**Reproduction, Ovary, Ovule, Gestation | **habitats** Micro-organisms,Linnaeus System, Algae, Bacteria, Fungi |
|  |  |  |   |  |  |
| **Everyday Materials** | **Living things and their** | **Rocks** | **States of Matter** | **Properties and changes of** | **Evolution and Inheritance** |
| Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth | **habitats**Living, Habitat, Energy,Food chain, Predator, Prey, | Fossils, Absorbent, Metamorphic, Sedimentary, Igneous, Permeable, Impermeable, Layers  | Solid, Liquid, Gas, Evaporation, Condensation, Particles, Freezing, Heating | **materials**Hardness, Solubility,Transparency, Conductivity, Magnetic, Filter, Dissolving | Adaptation, Evolution, Characteristics, Genetics, Extinction, Inheritance, Variation |
|  | Woodland, Pond, Desert, Non-living, Never alive |  |  |  |  |
| **Seasonal Changes** | **Everyday materials and** | **Light** | **Sound** | **Earth and Space** | **Light** |
| Summer, Spring, Autumn, Winter, Day length | **their uses** Stretchy, Stiff,Shiny, Dull, | Light sources, Shadows, Reflective, Dark, Reflection | Volume, Vibration, Wave, Pitch, Tone, Speaker, Medium | Earth, Axis, Rotation, Phases of the Moon, Constellation, Stellar, Solar System, Waxing, Waning | Refraction, Spectrum, Rainbow, Cornea, Iris, Lens, Pupil, Retina, Optic Nerve |
|  | Bendy, Waterproof, Absorbent, |  |  |  |  |
|  | Opaque, Transparent |  |  |  |  |
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|  |  | **Forces and magnets** | **Electricity** | **Forces** | **Electricity** |
| Magnetic, Force, Contact, | Cells, Wires, Bulbs, Switches, | Air resistance, Water | Amps, Volts, Parallel Circuits, Electrical components  |
| Attract, Repel, Friction, Poles**,** | Buzzers, Battery, Circuit, | resistance, Gravity, |  |
|  | Series, Conductors, Insulators | Newton, Lever, Gears, Pulleys, Upthrust |  |