|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Wibsey Web LogoSubject Curriculum Map Science 2023-2024** | | | | | | |
|  | **AUTUMN TERM** | | **SPRING TERM** | | **SUMMER TERM** | |
| **Year 1** | Humans   * The basic parts of the human body * The 5 senses | | Materials   * Identifying objects and naming the everyday materials from which they are made * Compare and group materials | Plants   * Label parts of a plant /tree * Identify and name a variety of plants, including deciduous and evergreen trees * Growing plants | Animals   * Identify and name a variety of common animals: fish, amphibians, reptiles, birds and mammals * Identify and name common animals that are carnivores, herbivores and omnivores * Describe and compare the structure of a variety of common animals: fish, amphibians, reptiles, birds and mammals | |
| **Year 2** | Living things and their habitats   * Plants and animals and their habitats – how living things are suited to their habitats and how their habitats provide for their basic needs * Simple food chains | | Uses of everyday materials   * Suitability of different materials for particular uses * Changing the shapes of some materials by squashing, bending, twisting, stretching | Animals including humans   * Animals have young that grow into adults * Basic needs of animals for survival * Importance of exercise, a balanced diet and hygiene for humans | Plants including light   * What plants need to grow and stay healthy | |
| **Year 3** | Animals including Humans   * Nutrition * The role of skeletons and muscles for support, protection and movement | Magnets and Forces   * Forces where direct contact is necessary * Magnetic forces | Plants   * Function of different parts of flowering plants * Investigate what plants need for life and growth * Investigate how water is transported within plants   The role of flowers in the life cycle of flowering plants | | Light and Shadow   * Why we need light and what dark is * Reflection of light form surfaces * Shadow formation | Rocks and Soils   * Different types of rocks – comparing and grouping * The formation of fossils * How soil is made |
| **Year 4** | Living Things and Their Habitats; Plants   * Grouping living things * Classification keys * Changing environments | Electricity   * Uses of electricity * Construct a simple series electrical circuit * Switches * Conductors and insulators | Animals Including Humans   * The Digestive System * Teeth * Food chains | Animals Including Humans   * The Digestive System * Teeth * Food chains | States of Matter   * Solids, liquids and gases – compare and group materials * Heating and cooling – changing states of matter   Water cycle – evaporation and condensation | Sound   * How sounds are made * How sound travels * Investigating pitch and volume |
| **Year 5** | Forces   * Gravity * Air resistance * Water resistance * Friction | Earth and Space   * The movement of the Earth and other planets, relative to the Sun * The movement of the Moon relative to the Earth * The Earth, Sun and Moon   The Earth’s rotation | Properties and Changes of Materials   * Properties of materials – hardness, solubility, transparency, conductivity, and response to magnets – compare and group together * Solutions and substances * Separating mixtures – filtering, sieving and evaporating * Uses of everyday materials * Reversible and irreversible changes | | Living Things and Habitats   * Life cycles of mammals, amphibians, insects and birds * Reproduction – plants and animals | Animals including Humans (4 weeks) – Links to WSFL   * Changes as humans develop to old age |
| **Year 6** | Light   * How light travels * Why objects are seen   Shadow formation | Electricity   * Investigating brightness and volume in a circuit * Circuit diagrams | | Animals including humans   * The human circulatory system * Impact of diet, exercise, drugs and lifestyle on the way our bodies function * How nutrients and water are transported in animals, including humans | Living things and their habitats (link with mountains case study Lake District)   * Classification of living things | Evolution and inheritance   * How living things have changed over time * Fossils * How animals and plants are adapted to suit their environment |