

****

**Science Annual Curriculum Map**

**Belfield Community School**

**Annual Curriculum Map**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Curriculum Map - Autumn Term** | | | | | | | | |
| **Term** | **Nursery** | **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Autumn 1** | **Explore the natural world around them**  **All about me**  **Learning and using all their 5 senses** | **Explore the natural world around them**  **All about me**  **The five senses** | **Animals including Humans**  **Body parts**  **Senses** | **Animals including Humans**  **Food & Exercise**  **Seasons (Autumn)** | **Rocks and Soils**  **Compare and group rocks**  **Fossils**  **How soils are made** | **Animals including Humans**  **Types of Teeth**  **Functions of teeth** | **All Living Things**  **Plants & Animals**  **Classification of and their Life Cycles** | **Light**  **How light travels**  **Parts of eye**  **Reflection & Refraction**  **Spectrum of light** |
| **Autumn 2** | **Explore the natural world around them**  **All about me**  **Learning and using all their 5 senses** | **Understand Processes and Changes in the Natural World**  **Light and dark**  **Hedgehogs and hibernation** | **Animals including Humans**  **Different classes**  **Comparing**  **Similarities & differences** | **Materials**  **Seasons (Winter)** | **Lights and shadow**  **Light Source**  **Reflectors**  **Protection**  **Shadows** | **Animals including Humans**  **Functions of the Digestive System**  **Chains** | **Animals Including Humans**  **Human development** | **Animals Including**  **Humans**  **Circulatory system**  **Diet, exercise, drugs**  **Puberty & Reproduction (PSHE)** |
| **Curriculum Map - Spring Term** | | | | | | | | |
| **Spring 1** | **Explore the natural world around them**  **Using all 5 senses**  **Exploring similar and different Materials**  **A respect for nature** | **Explore the natural world around them**  **Materials** | **Materials & their Properties**  **Wood, metal, rock, Water**  **Man-made and natural**  **Investigation -sink or float** | **Animals including Humans**  **Offspring**  **Life Cycles**  **Basic Needs** | **Plants**  **Functions of parts of plants**  **Life Cycle**  **Growing plants**  **How water is transported in plants** | **States of Matter**  **Compare solid, liquid and gases**  **Water Cycle** | **Forces**  **Magnetism**  **Gravity**  **Air/ Water resistance**  **Friction** | **Electricity**  **Make and draw simple circuits**  **Naming components** |
| **Spring 2** | **Explore the natural world around them**  **Using all 5 senses**  **Exploring similar and different Materials**  **A respect for nature** | **Explore the natural world around them**  **Froces** | **Materials & their Properties**  **plastic, glass, fabric**  **Investigation**  **Man-made and natural**  **Scientist – Charles Mackintosh (Rain Coat)** | **Animals including Humans**  **Offspring**  **Life Cycles**  **Basic Needs** | **Animals including humans**  **Naming bones in the skeleton**  **Muscles & Joints** | **Living Things and their habitats**  **Grouping living things**  **Classification keys**  **Changes in environment and dangers to animals** | **Forces**  **Pulleys, levers and gears** | **Evolution & Inheritance**  **How living things have changed**  **Inheritance – offspring**  **Adaption of plants and animals (evolution)** |
| **Curriculum Map - Summer Term** | | | | | | | | |
| **Summer 1** | **Exploring the natural world around them**  **Plant and animal life-cycles**  **Den making**  **A respect for all living things** | **Explore the natural world around them**  **Dinosaurs** | **All Living Things**  **Plants**  **Flowering Plants**  **Wild plants**  **Garden plants**  **Evergreen & Deciduous trees** | **All living things: Habitats**    **Seasons (Summer)** | **Animals including humans**  **Five food groups**  **Nutrients**  **Vitamins**  **Minerals** | **Sound**  **How sounds are made.**  **Human ear**  **Patterns between pitch of sound**  **Patterns between volume of sound** | **Earth & Space**  **Sun Moon Earth**  **Movement of earth & moon**  **Day & night** | **Evolution & Inheritance**  **Darwin** |
| **Summer 2** | **Exploring the natural world around them**  **Plant and animal life-cycles**  **Den making**  **A respect for all living things** | **Explore the natural world around them**  **Farm animals and their young**  **Life Cycles**  **Plants and seeds** | **All Living Things**  **Plants**  **Parts of flowering plants/trees**  **Functions of the parts**  **Planting** | **All living things**  **Habitats** | **Forces and magnets**  **Movement on different surfaces**  **Magnetic forces**  **Group materials based on magnetism** | **Electricity**  **Common appliances**  **Dangers**  **Simple circuits Complete and incomplete circuits**  **Naming parts**  **Conductors** | **Properties and changes in Materials.**  **Compare materials**  **Dissolving**  **Reversible and irreversible changes** | **Living Things & Their Habitats**  **Classification of plants and animals** |