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**Science Annual Curriculum Map**

**Belfield Community School**

**Annual Curriculum Map**

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|  **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** |