



## Science Long Term Plan 2021-2022 - Burlington Infant School



	Autumn 1 Our World	Autumn 2 Let's Celebrate!	Spring 1 Materials	Spring 2 All Creatures Great and Small	Summer 1 Plants	Summer 2 Out and About
<b>Enrichment Opportunities:</b>		Christmas Science Day	Big Schools' Birdwatch Big Garden Birdwatch	British Science Week		30 Days Wild
<b>Reception</b> <i>Themes may be adapted to allow for children's interests</i>	Settling into school Keeping healthy Seasons - Autumn, weather	Seasons - Autumn / Winter, weather Naming nocturnal and hibernating animals	Exploring senses Hibernating animals Bears / animals around the world	Seasons - Spring, weather Animals and their young Farm animals / pets Life cycles	Growing - beanstalks and plants Mini beasts	Seaside and animals Seasons - Summer, weather
<b>Year 1</b>	<b>Seasonal Changes</b> Autumn Weather diary Research the day length Autumn walk	<b>Working Scientifically</b> Working scientifically skills - 'Thinking like scientists' Christmas investigations - paper chain	<b>Materials</b> Naming materials and describing properties Sorting materials and objects The Three Little Pigs investigation - strongest material	<b>Animals, including Humans</b> Identifying animals Grouping and sorting animals Naming body parts Naming and exploring senses	<b>Plants</b> Naming wild plants and garden plants Identifying evergreen /deciduous trees Naming parts of a plant Observing the growth of plants	<b>Seasonal Changes</b> <i>Recap where needed</i> Summer weather Day length - sun rise / sun set  <b>Animals, including Humans</b> Identifying and naming sea creatures
<b>Year 2</b>	<b>Living Things and their Habitats</b> Identify things that are living, dead and have never been alive Animals and their habitats - suitability Food chains	<b>Working Scientifically</b> Working scientifically skills - 'Thinking like scientists' Christmas investigations - candy cane	<b>Materials</b> Identify and sort materials Compare characteristics, properties and suitability Investigation - changing the shape of materials	<b>Animals, including Humans</b> Growth and change - life cycles of humans and animals Investigation - hand / feet size Basic needs for survival Importance of	<b>Plants</b> Broad bean diary - observe and describe growth Grow a sunflower - observe how it grows Investigation - What do plants need to grow?	<b>Living things and their habitats</b> <i>Recap where needed</i> Observe animals in our local environment Explore animals in their micro-habitats



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	(Recap Seasons work from Y1 - Autumn)		Investigation - keeping Traction Man dry	exercise, health and hygiene Hand wash investigation		
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