

## Curriculum Overview: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	<b>Me and My Community</b> How to show care for living things and the environment.	<b>Once Upon a Time</b> Supports children to learn about the natural world.	<b>Starry Night</b> Differences in the world at night compared to during the day. The importance of a good night's sleep, and helps them to discover what is happening in the world while they are sleeping, including finding out about nocturnal animals.	<b>Dangerous Dinosaurs</b> Different animals that roamed Earth millions of years ago and how they are related to animals that live on Earth today.	<b>Sunshine and Sunflowers</b> Provides opportunities for outdoor learning and teaches children how to care for the plants and animals in their local environment and how to stay safe in the sun.	<b>Big Wide World</b> Teaches children about the global community to which they belong and explores how living things and climates differ around the world.
<b>Reception</b>	<b>Let's Explore</b> Exploring materials; textures. Exploring environments that we share with others and how to care for our environment.	<b>Marvellous Machines</b> Exploring materials; magnetic and non-magnetic. Machines need power to help them move. Explore technology that is part of their daily lives and how machines help us.	<b>Long Ago</b> How the children have grown and changed since they were babies. Human growth.	<b>Ready, Steady, Grow</b> Collect and record data in simple pictograms. Plant seeds and learn what seeds need to grow and survive. Name and describe plant parts. Learn about animals and match them to	<b>Animal Safari</b> Name and identify animal body parts. Understand there are different animal groups. Animals eat different types of food; including plants and other animals. How to care for animals.	<b>On the Beach</b> Learn about marine animals and compare their features. Floating and sinking and knowledge of materials and properties, investigation to discover waterproof fabric.

				their babies. Learn what animals need to survive.		The importance of keeping safe in the sun.
<b>Year 1</b>	<b>Everyday Materials</b> Objects are made from materials; identify a range of everyday materials; investigate the properties of materials; begin to understand that the material's properties define its use.	<b>Animals, including Humans</b> Humans are mammals; identify and name body parts; senses and associated body parts. Identify and describe the common structures of animals		<b>Plant Parts</b> Wild and garden plants; explore local environment; identify and describe the basic parts of plants; observe changes over time.	<b>Animals</b> Fish, amphibians, reptiles, birds, mammals and invertebrates; diets; how animals should be cared for.	
	<b>Seasonal Changes</b> Seasons; seasonal changes; typical seasonal weather and events. Measuring the weather; science of day and night; recognise seasons have varying day lengths in the UK.					
<b>Year 2</b>	<b>Human Survival</b> Human life cycle; needs for health and survival; healthy lifestyle; hygiene routines.	<b>Habitats</b> Exploring habitats; living and non-living things; plants and animals in a habitat; animal shelter and food; food chains; animal adaptations; plant adaptations	<b>Uses of Materials</b> Use of everyday materials; how materials properties are suitable or unsuitable for specific purposes; explore how materials can be changed.	<b>Plant Survival</b> Growth of plants from seeds and bulbs; observe the growth of plants first-hand; recording changes over time; identifying what plants need to grow and stay healthy.	<b>Animal Survival</b> Growth in animals by exploring life cycles of some familiar animals; build on learning about the survival to humans by identifying the basic needs of animals for survival, including: food, water, air and shelter.	