

Curriculum Overview: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Me and My Community How to show care for living things and the environment.	Once Upon a Time Supports children to learn about the natural world.	Starry Night 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.	Dangerous Dinosaurs Different animals that roamed Earth millions of years ago and how they are related to animals that live on Earth today.	Sunshine and Sunflowers 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.	Big Wide World Teaches children about the global community to which they belong and explores how living things and climates differ around the world.
Reception	Let's Explore Teaches children about the environments that they share with others, including places in the local community.	Marvellous Machines Explore technology that is part of their daily lives and how machines help us. Opportunities to build and create marvellous machines.	Long Ago How they have grown and changed since they were babies and how life in the past was different from today.	Ready, Steady, Grow Exploring food and farming and explores themes, including where food comes from, what plants and animals need to grow and survive and what	Animal Safari Animals that live around the world, how to look after animals and the importance of caring for our local and global environments.	On the Beach Plants and animals that live at the seaside. The importance of keeping safe in the Sun.

				constitutes a healthy lifestyle.		
Year 1	Everyday Materials 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.	Animals, including Humans Humans are mammals; identify and name body parts; senses and associated body parts. Identify and describe the common structures of animals		Plant Parts Wild and garden plants; explore local environment; identify and describe the basic parts of plants; observe changes over time.	Animals Fish, amphibians, reptiles, birds, mammals and invertebrates; diets; how animals should be cared for.	
	Seasonal Changes 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.					
Year 2	Human Survival Human life cycle; needs for health and survival; healthy lifestyle; hygiene routines.	Habitats Exploring habitats; living and non-living things; plants and animals in a habitat; animal shelter and food; food chains; animal adaptations; plant adaptations	Uses of Materials Use of everyday materials; how materials properties are suitable or unsuitable for specific purposes; explore how materials can be changed.	Plant Survival 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.	Animal Survival 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.	