Science curriculum map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	**Topic: All about Me** **Mini topic: Autumn** -Observe changes to leaves in Autumn - Name parts of the body -Learning to wash our hands	**Topic: Festivals and Celebrations** -What do we celebrate? -Celebrations /Festivals around the world	**Topic: Me and my community** **Mini topic: Winter** -Observing freezing and melting -Observe and draw trees and holly in winter	**Topic: Lifecycles** **Mini Topic: Spring** -Name, observe and draw spring flowers -Name common mini-beasts -Caring for living creatures -Lifecycle of caterpillar	**Topic: Farm Animals** -Animals and their young -Animals that live on a farm and those that do not.	**Topic: Transport** **Mini topic: Summer** -Name, observe and draw summer flowers -Forces - push and pull
Reception	**Topic: Marvellous Me** **Mini topic: Autumn** -Explore and observe changes in Autumn -Know and talk about the different factors that support their overall health and wellbeing including oral	**Topic: Out of this world (Space)** -Recognise some environments are different to the one in which we live: Space -Caring for our planet and the natural world around us	**Topic: Our big wide world (Africa)** **Mini topic: Winter** -Explore and observe changes in Winter -Changing states of matter -Name and identify African animals	**Topic: Ready, Steady, Grow** **Mini Topic: Spring** -Explore and observe plants growing -Planting sunflower seeds -Caring for plants -Explore and observe changes in Spring	**Topic: Under the Sea** -Explore materials and testing if they sink or float -Sea creatures and land animals	**Topic: Starry night** **Mini Topic: Summer** -Explore and observe changes in Summer -Identify and names Nocturnal Animals -Animals and their young. -Shadows and light

	health and washing hands -Understand the importance of healthy eating -Growing and changing (baby, child, adult) - Name parts of the body					
Year 1	The Human Body Seasonal Changes – Autumn	Materials Seasonal Changes – Winter	Animals Planting A	Sustainability: Caring for the planet Seasonal Change – Spring Planting B	Plants Planting C	Growing and Cooking Seasonal Change - Summer
Year 2	Animals needs for survival Humans	Materials Sustainability: Plastic	Plants-Light & Dark Living things and their habitats	Living things and their habitats	Plants-Bulbs & Seeds	Growing up Wildlife
Year 3	Skeletons Movement Nutrition and Diet	Nutrition and Diet Food Waste Rocks	Fossils Soils	Light	Plants A	Forces Magnets Plants B Biodiversity

Year 4	Group and Classify living things Data Collection A	States of Matter	Sound Data Collection B	Electricity Energy	Data Collection C Habitats Deforestation	The digestive system Food chains
Year 5	Forces	Space Global warming	Properties of materials	Animals including humans Lifecycles	Reproduction A	Reversible and irreversible changes Plastic pollution Reproduction B
Year 6	Living things and their habitats	Electricity Renewable energy	Light Light pollution	The circulatory system Diet, drugs and lifestyle	Variation Adaptations	Fossils