

Science Curriculum Overview

	Autumn					Spring					Summer											
	Term 1		Term 2			Term 3		Term 4			Term 5			Term 6								
Reception	Understanding the world																					
	Parts of the body		Nocturnal animals Light and shadows			Animals and habitats – hot and cold countries Hibernation States of matter – freezing and melting			Structure of plants What do plants need to grow?			Life cycles Minibeasts			Floating and sinking Properties of materials							
	Seasonal changes		Seasonal changes			Seasonal changes		Seasonal changes			Seasonal changes			Seasonal changes								
Year 1	The human body Biology		Seasonal changes Biology	Materials Chemistry		Seasonal changes Biology	Planting (A) Biology	Animals Biology		Seasonal changes Sustainability	Seasonal changes Biology	Planting (B) Biology	Plants Biology		Planting (C) Biology	Growing and cooking Sustainability		Seasonal changes Biology				
Year 2	Animals’ needs for survival Biology		Humans Biology	Materials Chemistry		Plastic Sustainability	Plants (light and dark) Biology		Living things and their habitats Biology			Light and Dark Biology	Plants (bulbs and seeds) Biology		Growing up Biology		Bulbs and seeds Biology	Growing up Biology	Wildlife Sustainability			
Year 3	Skeletons Biology		Movement Biology	Nutrition and diet Biology		Food waste Sustainability	Rocks Chemistry		Fossils Chemistry		Soils Chemistry		Light Physics		Plants (A) Biology		Forces Physics		Magnets Physics		Plants (B) Biology	Biodiversity Sustainability
Year 4	Group and classify living things Biology		Data collection (A) Biology	States of matter Chemistry			Sound Physics		Data collection (B) Biology	Electricity Physics			Energy Sustainability	Data Collection (C) Biology		Habitats Biology		Deforestation Sustainability	The digestive system Biology		Food chains Biology	
Year 5	Space Physics			Forces Physics			Global warming Sustainability	Properties of materials Chemistry		Animals including humans Biology			Life cycles Biology		Reproduction (A) Biology		Reversible and irreversible changes Chemistry		Plastic pollution Sustainability	Reproduction (A) Biology		
Year 6	Living things and their habitats Biology			Electricity Physics			Renewable energy Sustainability	Light Physics		Light pollution Sustainability	The circulatory system Biology		Diet, drugs and lifestyle Biology		Variation Biology		Adaptations Biology		Fossils Biology		Science projects Transition unit	

Empathy

Honesty

Respect

Responsibility