

Science Long Term Plan This is the suggested yearly overview. The topics in red are sustainability.

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2 Science Week 8-17 March	Summer 1	Summer 2
Reception	Signs of Autumn Hibernating Animals Harvest: Making Bread		Signs of Winter. Cold climates (Arctic /Antarctic – Recognise some environments are different to the one in which they live. Snow and investigating ice and changing states of matter. Animals from colder climates Exploring floating and sinking – exploring materials to make their own boats. Signs of Spring New life – Living Eggs project, hatching our own chicks. Observations of hatching process and early growing. Life cycle of a chick.		Signs of Summer Plants – the different parts, what they need to survive and the life cycle of a plant (sunflower.) How to care for a plant – Planting seeds in the garden planter. Minibeasts and their habitats. Life cycles. Signs of Summer Exploring hot environments and animals from hotter climates.	
Year 1	The Human Body	Materials	Planting A Animals	Animals Caring For the Planet Planting B Consolidation	Plants Planting C	Growing and Cooking Consolidation
	Seasonal Changes Observing changes over the year					
Year 2	Animal Needs for Survival/ Humans	Materials Plastic	Plants (Light and dark) 3 weeks Living Things and their Habitats	Living Things and their Habitats Light and dark Consolidation	Plants (bulbs and seeds) Growing Up	Bulbs and Seeds Growing Up Wildlife
Year 3	Skeletons/Movement/ Nutrition and Diet	Food Waste/ Rocks Consolidation	Fossils/ Soils	Light Consolidation	Plants A	Forces/Magnets/ Plants B/ Biodiversity
Year 4	States of Matter		Sound		Electricity and Energy	
	Data Collection A		Data Collection B		Data Collection C	
	Group and classify living things/Food Chains		Habitats and deforestation		The Digestive System	
Year 5	Forces Global Warming	Space Consolidation	Properties of Materials	Animals Including Humans	Animals Including Humans/ Life cycles	Reproduction A Reversible and irreversible changes Plastic Pollution Reproduction B Consolidation
Year 6	Living Things and Their Habitats	Electricity Renewable Energy	Light Light Pollution	The circulatory System/ Diet Drugs and lifestyle	Variation Adaptations	Fossils Consolidation Themed Projects Year 7 Ready

green- biology chemistry- orange physics-blue