



St Mary's Catholic Primary School

Living and Learning Together – Shining in our Faith

Science Curriculum Overview

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery & Reception	Cycle A	Seasonal changes Plants	Seasonal changes Weather	Seasonal Changes Signs of spring	Lifecycles Seasonal Changes Flowers	Things that move Seasonal changes Minibeasts	Seasonal changes Summer
	Cycle B	All About Me Seasonal change Plants in our school	Celebrations Seasonal change Plants in our school	People who help us Seasonal change Observing growth	Lifecycles Seasonal change What can we see ?	Things that Move Seasonal change Observing changes	The Seaside Seasonal change Summer

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1 & 2	Cycle A	Animals inc humans Body parts/ senses Seasonal changes Weather	Plants Names of parts of plants Seasonal changes Autumn	Identifying materials Seasonal changes Signs of spring	Materials Seasonal changes Plants	Animals inc humans Animals and their diet Seasonal changes Changing weather	Plants Names of plants How to grow plants Seasonal changes Summer
	Cycle B	Living things and their Habitats Seasonal change Plants in school grounds	Animals including Humans Basic needs / keeping healthy	Identifying and using Materials Seasonal change Plants	Testing Materials Seasonal change Habitats	Animals including Humans Offspring / lifecycles Seasonal change Observing plant growth	Living things and their Habitats Needs / alive & not alive Food chains

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3 & 4	Cycle A	Living things & their habitats Groupings Classification keys Dangers to habitats	Electricity Circuits Uses of switches Conduction/insulation	States of matter Solids/ liquids/ gases Changes by heating/cooling	States of matter Water cycle – evaporation/condensation	Sound How sounds are made/ how they move/ changes in sounds	Animals inc humans Nutrition Teeth & digestion
	Cycle B	Animals including Humans Skeletons and Movement	Rocks & Fossils Different rock types How fossils are formed Types of soil	Forces and Magnets Movement on different surfaces Magnetic materials Magnetic poles	Plants Parts of plants & function Needs of plants Water transportation	Plants Investigating parts need for pollination Pollination process Seed dispersal	Light Reflections Dangers Shadow formation

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5 & 6	Cycle A	Living things & their habitats Lifecycles/ reproduction	Living things & their habitats Classification	Evolution & Inheritance Adaptation	Electricity Circuits/ symbols/ changes & why they occur	Changes of materials Filtering/ sieving/ evaporating	Changes of materials Reversible/ irreversible changes
	Cycle B	Animals including Humans Circulatory system Diet / exercise / drugs Nutrient & water transport	Properties of Materials Properties / solutions / separation	Forces Gravity / friction / resistance / mechanisms	Animals including Humans Changes in humans into old age	Light How light travels / the eye / shadow formation	Earth and Space Movements of the earth and moon