

St Mary's Catholic Primary School

Living and Learning Together – Shining in our Faith

Science Curriculum Overview

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	All About Me Seasonal change Plants	Celebrations Seasonal change weather	People who help me Seasonal change Signs of Spring	Lifecycles Seasonal change Flowers	Things that move Seasonal change Minibeasts	The Farm Seasonal change Summer
Y 1 / 2	Animals including Humans Body parts / senses Seasonal change Weather	Plants Name of plant parts Seasonal change Autumn	identifying and using materials Seasonal change Signs of Spring	Testing Materials Seasonal change Changing plants	Animals including Humans Common animals and their diet Seasonal change Changing weather	Plants Name of plants How to grow plants Seasonal change Summer

Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	How I have changed Seasonal change Plants in our school	Time to Celebrate Colour & Light Seasonal change Plants in our school	Hot & Cold Habitats Seasonal change Observing growth	New Growth / Change Seasonal change What can we see ?	Lifecycles Seasonal change Observing changes	Sun & Water Safety Seasonal change Summer
Y 1 / 2	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

Cycle A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y 3 / 4	Animals including Humans Nutrition (Y3) Teeth & Digestion (Y4)	Electricity (Y4) Circuits Uses of switches Conduction / insulation	States of Matter (Y4) Solids, liquids, gases Changes by heating / cooling	States of Matter (Y4) Water cycle – evaporation / condensation	Sound (Y3) How sounds are made? How sound moves? Changes in sounds	Living things and their Habitats (Y4) Groupings Classification keys Dangers to habitats
Y 5 / 6	Living things and their Habitats (Y5) Lifecycles / reproduction	Living things and their Habitats (Y6) Classification	Evolution / Inheritance / Adaptation (Y6) Information from fossils / change	Electricity (Y6) Circuits / symbols / changes and why they occur	Changes of materials (Y5) Filtering / sieving / evaporating	Changes of materials (Y5) Reversible and irreversible changes

Cycle B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Y 3 / 4	Animals including Humans Skeletons and Movement(Y3)	Rocks & Fossils (Y3) Different rock types How fossils are formed Types of soil	Forces and Magnets (Y3) Movement on different surfaces Magnetic materials Magnetic poles	Plants (Y3) Parts of plants & function Needs of plants Water transportation	Plants (Y3) Investigating parts need for pollination Pollination process Seed dispersal	Light (Y3) Reflections Dangers Shadow formation
Y 5 / 6	Animals including Humans (Y6) Circulatory system Diet / exercise / drugs Nutrient & water transport	Properties of Materials (Y5) Properties / solutions / separation	Forces (Y5) Gravity / friction / resistance / mechanisms	Animals including Humans (Y5) Changes in humans into old age	Light (Y6) How light travels / the eye / shadow formation	Earth and Space (Y5) Movements of the earth and moon