



St Joseph's Science Curriculum Pathway

Secondary School

Living things and their Habitats

Classification of plants and animals

Links with Y4

Electricity

Components of a circuit

Links with Y4

Light

Links with Y3

Animals including Humans

Circulatory system, heart, blood vessels

Links with Y4

Darwin's Theory of Evolution and Inheritance



Year Six

Earth and Space



Light and Astronomy

Animals including Humans



Observing life cycles and changes in humans

Forces and magnets



Friction resistance gravity

Links with Y3 Forces and surfaces

Materials



Mixing and separating – reversible changes

Links with Y4 States of Matter

States of Matter



Compare and group materials and their properties

Links with Y2 Everyday Materials

Year Five

Electricity



Construct and name simple circuits, sources and safety

Links with Electricity Y6

States of Matter



Comparing and properties

Links with Materials Y5

Sound



How sounds are made / vibrations

Digestive System



Teeth types and Digestion

Links with Y6 Circulatory System

Living Things and their Habitats



Keys and classification, food chains

Links with Classification Y6

Forces and magnets



Exploring surfaces

Links with Y5 Gravity

Light and Shadows



Find out about how light is blocked

Links Y5 Earth and Space / Y6 Light

Plants



Identify functions of parts / life cycles

Links with Year 1 & 2 Life cycles in plants

Rocks



Comparing, Grouping, Properties

Year Four

Living Things and their Habitats



Links with Y4 Classification and Y5 Life cycles

Everyday Materials



Uses of everyday materials

Links with Y5 Properties

Year Three

Healthy Eating, Nutrition and Exercise



Diet and nutrition comes from our foods

Links with Y4 Teeth and Y5 Lifecycles

Links with Y6 Movement and Exercise

Plants



Find out how plants need to grow

Links with Y3 Functions of plants

Animals and Humans



Basic needs and offspring, exercise and health

Links with Y3 Healthy eating and Y5 Reproduction

Plants



Identify, name and describe structure

Links with EYFS Wonderful world, Y2 What plants need to grow

Seasonal Changes

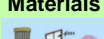


Observe changes across 4 seasons, observe and describe the weather

Links with EYFS Seasonal change, Y3 Light

Year Two

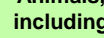
Everyday Materials



Identify, properties, compare

Links with Y2 Uses of everyday materials

Animals, including humans



Links with EYFS, Y3 Skeletons and Y2 Survival

Seasonal Change

Observe changes across seasons using all senses

Wonderful World

Observe, name, describe and investigate living things – growth and change

Real Superheroes

Observe and interact with natural processes - freezing and melting

Year One

ELG – Understanding the World - The Natural World

Children at the expected level of development will:
 - Explore the natural world around them, making observations and drawing pictures of animals and plants;
 - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class;
 - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

Into the Woods

Observe and interact with natural processes – sound, light and dark, floating and sinking

Marvellous Me

Name body parts - Observe and compare physical features

EYFS