

SCIENCE LEARNING JOURNEY

Secondary School

**Evolution & Inheritance:** Are all living things the same?

**Light:** Why does my shadow change over the course of a day?

Year 6

**Living things and habitats:** Why do we need to classify living things?

**Animals Incl Humans:** How do our choices affect how our bodies work?

**Electricity:** How have batteries changed the evolution of electricity?

**Animals Incl Humans:** How does life progress from gestation to old age in various species?

**Forces:** What is the most effective way to move an object?

**Living things and habitats:** Do all plants and animals reproduce the same way?

**Materials:** How can we use materials to solve real-world challenges?

**Earth and Space:** Does the size of a planet affect the length of its orbit?

Year 5

**States of Matter:** How can water change?

**Electricity:** What would life be like without electricity?

Year 4

**Living things and habitats:** Are living things in danger?

**Animals including Humans:** What does our body do with the foods we eat?

**Sound:** Why does sound echo in a larger room and not in a small room?

**Animals Incl Humans:** Could animals survive without a skeleton?

**Plants:** How do plants adapt and thrive in their environments?

**Light:** How does light shape our understanding of the world around us?

**Rocks:** What might happen if we had the same type of rocks and soil all over the world?

**Forces & Magnets:** Does the size and shape of a magnet affect how strong it is?

Year 3

**Plants:** Can plants grow as big in the shade?

**Animals Incl Humans:** How do living creatures grow, change and maintain their health?

Year 2

**Living Things & Their Habitats:** How do living things and habitats depend on each other?

**Everyday Materials:** Why is it important to select an appropriate material for the job?

**Seasonal Changes:** Can we compare wind speed and rainfall?

**Materials:** How do materials' properties make them useful in our lives?

**Plants:** Are plants alive?

**Animals Incl Humans:** How do animals explore and understand their world through senses?

**Seasonal Changes:** How do seasons affect weather?

Year 1

**Ocean Conservation:** Why should we look after the oceans?

**Space:** Can we travel to space?

**Minibeasts:** Why are they important for nature?

EYFS

**Seasonal Changes:** How does the world around us change with each season?

**Around the World:** What interesting things can we find in our world, made by nature and people?

**Growing:** Why is farming important for our food?