

# Science Curriculum Pathway

KS3



**Electricity**  
Can humans survive without electricity?

**Light & Shadow**  
What is the significance of a rainbow?

**Animals including humans**  
How can we maintain an efficient circulatory system?

**Living Things and their habitats**  
How different will you be when you are as old as your grandparents?

Year 6



**Animals including humans**  
Do all animals and plants start life as an egg?

**Space**  
Will the moon be a future holiday destination?

**States of Matter**  
Can you clean 'foul' water?

**Forces**  
Can you feel the force?

Year 5



**Living things and their habitats.**  
Do we need 7 classifications for all living things?

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

**Animals including humans**  
What happens to the food we eat?

**Animals including humans**  
How does nutrition and exercise impact your health?

Year 4



**Animals including humans**  
How could you be the next Emma Raducanu?

**Forces and Magnets**  
Why do some materials attract?

**Plants**  
What do you need for a healthy garden?

**Rocks**  
What do rocks tell us about the Earth was formed?

Year 3



**Light & Shadow**  
Do we need light to see?

**Materials**  
Could these creatures live in any habitat?

**Animals including humans**  
Why are senses important to us? What are animals? How do we care for animals?

**Seasons**  
What has changed?

Year 2



**Living Things and their habitats**  
Could these creatures live in any habitat?

**Understanding the World.**  
Life cycles  
Seasons  
Habitats  
Minibeasts  
Materials  
Space

**Materials**  
Why are everyday materials important to us?

Year 1



**Plants**  
What do we mean by plants?

EYFS

**Personal, Social, Emotional**  
Ways of staying healthy  
Personal hygiene

**Communication & Language**  
Learning new vocabulary  
Using vocabulary in context

**Evolution and inheritance**  
Have we always looked like this?

**Living Things and their habitats**  
How important is biodiversity to a healthy planet?

**Sound**  
Why do some sounds sound better than others?

**States of Matter**  
Can a substance ever be more than one state of matter?

**Plants**  
How does a blossom become a strawberry?

**Living Things and their habitats**  
Could these creatures live in any habitat?

**Living Things and their habitats**  
How different will you be when you are as old as your grandparents?

**Animals including humans**  
How does nutrition and exercise impact your health?

**Rocks**  
What do rocks tell us about the Earth was formed?

**Light & Shadow**  
Do we need light to see?

**Seasons**  
What has changed?

**Materials**  
Why are everyday materials important to us?

**Plants**  
What do we mean by plants?