



**English Martyrs'
Catholic Primary School**
Learning Together
in Faith and Knowledge

"The heavens
declare the glory of God;
the skies proclaim
the work of his hands."
Psalm 19:1

Our Science Journey

Exploring God's World Through Science

Science
Helps Us See
the Wonder
in God's
Creation

START

Nursery

- Explore & observe animals and plants.
- Describe & talk about what they notice – life cycles.
- Record & draw pictures of our growing ducklings & caterpillars.
- Explore woodland animal habitats and animal footprints.
- Working Scientifically – Research & talk to the visitors, think and ask questions to find out about their jobs.

Caring
today for
a brighter
tomorrow

Reception

- Research – caterpillars and butterflies.
- Lifecycles.
- Show an interest and be curious about the natural world.
- Talk about different materials that are used to make houses.
- Describe and talk about what they notice based on real experiences or books read.

Year 1

- Animals: Sensitive Bodies
- Forces & Space: Seasonal Changes
- Plants: Introduction to Plants
- Animals: Comparing Animals
- Materials: Everyday Materials
- Making Connections: Investigating Science through Stories

Year 2

- Living Things: Habitats
- Living Things: Microhabitats
- Materials: Use of Everyday Materials
- Animals: Life Cycles & Health
- Plants: Growth
- Making Connections: Plant-based Materials

Year 3

- Animals: Movement & Nutrition
- Forces & Space: Forces & Magnets
- Materials: Rocks & Soils
- Energy: Light & Shadow
- Plants: Plant Reproduction
- Making Connections: Does hand span affect grip strength?

Year 4

- Animals: Digestion & Food
- Energy: Electricity & Circuits
- Materials: States of Matter
- Energy: Sound & Vibrations
- Animals: Classification & Changing Habitats
- Making Connections: How does the flow of liquids compare?

Year 5

- Materials: Mixtures & Separation
- Materials: Properties & Changes
- Forces & Space: Earth & Space
- Living Things: Life Cycles & Reproduction
- Forces & Space: Imbalanced Forces
- Animals: Human Timeline
- Making Connections: Does the size of an asteroid affect the size of its crater?

Year 6

- Living Things: Classifying Big & Small
- Energy: Light & Reflection
- Living Things: Evolution & Inheritance
- Energy: Circuits, Batteries & Switches
- Animals, including Humans: Circulation & Exercises
- Making Connections: Are some sunglasses safer than others?

Future Scientists

Inspired by Faith • Growing in Knowledge
Caring for God's Creation

Small
Steps
Big
Discoveries

Together
in Faith
for a Brighter
Tomorrow

English Martyrs' Catholic Primary School



Love



Care



Nurture



Trust

A Greener
Brighter
World