



# English Martyrs Catholic Voluntary Academy

We grow and learn, with the gifts we have been given, following in the footsteps of Jesus.

## Science Progression Map



Intent : Following the national curriculum for Science our intent is that all our children : -

### Head

- learn scientific facts and theories.
- have opportunities to create, through designing experiments and predicting results
- have opportunities to observe, explain, record, enquire, test, evaluate and conclude.

### Heart

- Foster curiosity and creativity about what they are learning and about the world around them. to ask questions
- Foster a love of learning new knowledge and skills, a love of building on existing knowledge and skills and a love of creating, planning and undertaking scientific experiments, methodically.
- Have resilience and determination by knowing that hard work will give us the answers and help us to succeed e.g. repeating experiments for fair testing. To know that it is OK to not get things right all of the time and we learn from mistakes.

### Hand

- To begin to answer their own questions about the world around them.
- Are equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.
- Understand that science is essential to everyday life and the impact it can have on our planet.



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At English Martyrs we follow the <u>National Curriculum for Science</u> . Individual teachers decide yearly, when to teach each topic.							
2021 - 2022	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Advent 1	Seasons	Materials	Materials	Rocks and fossils	States of matter	Space	Animals including humans Living things and their habitats
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Advent 2	Weather	Seasonal change	Animals including humans	Animals including humans	Animals including humans	Forces	Evolution and adaptation
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Lent 1	Space - observing planets	Humans	Animals including humans	Light and Dark	Sound	Properties of materials	Light
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Lent 2	Space - Contrasting environments	Plants	Plants	Magnets	Electricity	Changes in materials	Sound
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Pentecost 1	Growing - plants	Animal classification	Living things and their habitats	Roots and shoots	Living things and their habitats	Living things and their habitats	Famous scientists Study
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Pentecost 2	Insects	Animals and their structures	Living things and their habitats	Plants	Living things and their habitats	Human life cycles	Electricity