

ST. BERNADETTE'S CATHOLIC PRIMARY SCHOOL

Science Curriculum



*Learn to Love, Love to
Learn*

2021/2022



Intent

Science teaching at our school aims to give all children a strong understanding of the world around them, whilst acquiring specific skills and knowledge to help them to think scientifically, to gain an understanding of scientific processes and of the uses and implications of Science, today and for the future. We aim to make learning relevant to our children by making them aware of the importance and relevance of science in the real world, as well as exposing them to a diverse range of inspiration figures in the world of science. Our curriculum allows children to build upon their prior knowledge, and develop their vocabulary, embedding these into their long-term memory.

Implementation

- Delivered through a topic blocking approach to allow the pupils to immerse fully in the concepts for 8 – 10 lessons per unit.
- Children will use a range of appropriate, engaging resources to develop their knowledge and understanding of each topic and to develop their understanding of working scientifically skills.
- Children are exposed to and are strongly encouraged to use scientific vocabulary specific to each topic in every lesson through discreet lessons and recap sessions.
- Children will be able to build upon prior knowledge and link ideas together, through flashback activities which take place at the start of each lesson.
- A diverse range of scientists are covered, with at least one scientist focused on per topic.
- The golden thread of 'Care of God's Creation' runs through each unit, ensuring children develop their environmental awareness and understanding of their role in protecting our planet.

Impact

- Our science curriculum is high quality, well thought out and is planned to demonstrate progression and cohesion.
- Children's work shows a range of topics and evidence of the curriculum coverage for all science topics.



Children will understand the role that science plays in their lives.

- Pupil voice plays an active role in shaping and developing our science provision.
- Flashback activities are carried in every lesson to assess retention and address misconceptions and gaps in knowledge.