

OVERVIEW

This policy is set within the context of the School Mission Statement:

"I come that they may have life and have life to the full

John 10:10

At Holy Rosary School Science is taught through a yearly based subject planner which details the key/sticky knowledge to be covered. In school we help the children to develop an understanding of the different strands of Science through the effective teaching and learning of the necessary skills and understanding of Science. Our aim is to ignite a curiosity to learn about the world. Through Science pupils will continue to deepen their respect, care and appreciation for the natural world and all its phenomena.

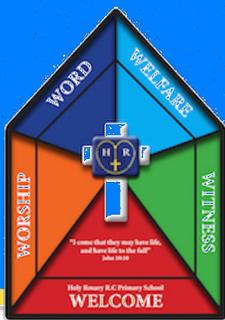
OBJECTIVES

1. To stimulate pupils' interests and help develop a sense of curiosity and to develop an understanding of the world.
2. To enable pupils to learn about famous scientists and their impact on our lives.
3. To develop **scientific knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics
4. To develop understanding of the **nature, processes and methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them.
5. To ensure all pupils are equipped with the scientific knowledge required to understand the **uses and implications** of Science, today and for the future.

STRATEGIES

1. We use a yearly subject based plan which details the themes to be taught. These also detail the key/sticky knowledge linked to the aims of the National Curriculum. The scheme of work is designed so that children are increasingly challenged as they move through the school.
2. We will begin the teaching of Science in Foundation Stage as the children begin developing their knowledge skills and understanding of the world through exploration and curiosity.
3. An appropriate range of teaching and learning strategies will be used in all Science lessons to capture pupils' interest and to promote effective learning and progress.
4. Pupils will be encouraged to; ask questions, solve problems, discover new information, apply and consolidate their knowledge, skills and understanding through first-hand experience, investigations and practical work.
5. Teachers will make use of the immediate and wider environment to help pupils apply their scientific knowledge skills and understanding to see the relevance of Science to their own lives. They will set challenging work, tasks and problems to increase pupil's knowledge, skills and understanding, to extend their thinking and build their self-confidence.
6. Teachers will assess pupil's work in Science through formative and summative judgements by; asking questions, observing learners during lessons, observing pupils solving practical problems and listening to pupils' discussions. Work will be marked regularly and frequently and pupils will be given appropriate, clear feedback which tells them how well they have done and what they need to do next to improve.

Science Policy



- The Science leader will support the teaching and learning of Science by; providing strategic leadership and direction, monitoring progress and standards across the school, reviewing and revising the Science policy, monitoring and supporting teachers in the teaching of science, keeping staff up to date on new developments in Science, monitoring the effectiveness of the planning and development of Science, auditing, monitoring the effective and appropriate use of resources and obtaining new resources.

DATA PROTECTION STATEMENT

The procedures and practice created by this policy have been reviewed in the light of our Data Protection Policy. All data will be handled in accordance with the school's Data Protection Policy. As such, our assessment is this policy.

Has Few / No Data Compliance Requirements	Has A Moderate Level of Data Compliance Requirements	Has a High Level of Data Compliance Requirements
✓		

Data Audit For This Policy					
What?	Probable Content	Why?	Who?	Where?	When?
Registration Admission Staff records	Name D.O.B. Telephone Details	Details for contacting parents and staff to indicate staff closure	SLT and Administration staff	Recorded electronically on SIMS and school App	Held on file throughout the child's time at the school. Computer retains copy of records in 'archive'.

OUTCOMES

This policy will ensure that all pupils become confident scientists. Effective teaching will ensure that they can solve problems by applying their knowledge, understanding and skills in Science with increasing sophistication. This policy should be read in conjunction with other key policies including; assessment, teaching and learning, special needs and equal opportunities, deployment of support staff.

Revised and adopted by the Governing Body on: 2nd Dec 2020

Signed : *P.Devine (Chair)*

Date to be reviewed : Dec 2022