

Science Policy

1. Aims and Objectives.

At Royal Cross, we aim to foster a life-long love of learning, through adopting a highly practical and cross-curricular approach to learning. We therefore use a skills-based approach to Science, where the Scheme of Work is embedded within our creative approach to the curriculum.

Our aims in teaching science include the following:

- helping our children acquire a growing understanding of scientific ideas,
- helping develop and extend our children’s scientific concept of the world,
- building on our children’s natural curiosity and developing a scientific approach to problems,
- building self-confidence to enable them to work independently,
- developing social skills to work cooperatively with others,
- giving our children an understanding of scientific processes,
- helping to acquire practical scientific skills,
- developing the skills of investigation,
- developing the use of scientific language, recording and techniques, including the use of ICT.

We aim to teach science:

- in ways that are imaginative, purposeful, well managed and enjoyable,
- by giving clear and accurate teacher explanations and offering skilful questioning,
- through the whole school topics which form the basis of our creative approach to the curriculum.

2. Teaching and Learning Style.

Our communication policy enables our pupils to access the science curriculum in the language and mode of communication most appropriate to their needs. Where pupils’ access and expression of concepts is through British Sign Language, consideration must be given to fact that the child’s acquisition of scientific vocabulary in English will be delayed.

We recognise the particular importance of first-hand experience for motivating children with language and learning difficulties and teachers are encouraged to make best use of our creative approach to the curriculum to facilitate this.

3. Monitoring and Review.

Our whole school approach incorporates a four year cycle of topics, careful monitoring by the school's Science coordinator ensuring that all children receive the appropriate coverage of all the Science strands.

The Science coordinator also monitors progress throughout the school by sampling children's work at regular intervals.

This policy will be reviewed by the Science coordinator on an annual basis.