



Science Policy

Children at Ravenscroft can expect to explore the world via their own hands-on experiences. When pupils play an active part in investigating scientific concepts, it better enables them to understand and explain everyday occurrences and phenomenon.

Pupils are encouraged to explore and enquire in order to be able to plan and lead their own learning using a wide range of resources.

A skills based approach is used in order to cover the National Curriculum topics of Scientific Enquiry, Life Processes and Living Things, Materials and their Properties and Physical Processes. The use of philosophical enquiry further enhances this approach and encourages the children to question and explore their own ideas.

Aims

- develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- 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
- be equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future