



Sand Hutton and Warthill Federated
Church of England (VC) Primary Schools



Science Policy – September 2026

Introduction

In our schools, it is our intention to provide a high quality science education that provides children with the foundations they need to recognise the importance of Science in every aspect of daily life. This document outlines how we are teaching our children to be the scientists of the future and how we tackle this in our mixed age settings.

Aims of our Science teaching

In our schools, all of our children are Scientists. Through our lessons and in our general learning environments we aim to:

- develop lively, enquiring and questioning minds through well planned, tailored lessons and experiences.
- Foster the natural curiosity of our children through exploration, experimentation and investigation.
- Develop an appreciation and understanding of ourselves, others and our environment.
- Develop scientific language in order to promote discussion and explanation.

Approach to Science

Planning

Our Science planning is based on the objectives within the Primary National Curriculum. EYFS use statements from the Early Learning Goals and the Development Matters curriculum and will look for opportunities to show the children when they are being scientists. Staff will use carefully chosen language to encourage science-based behaviours and will encourage the children to explore the world around them.

Due to the mixed age nature of our classes in both schools, Science is organised on meticulously planned rotational cycles. It is intended that during the cycle, all children within the class will have access to all areas

in the programmes of study, appropriate to the age group within the class, at least once. Long term planning is completed collaboratively between class teachers and the subject lead to ensure coverage is complete. Full consideration is also given to the age-appropriate Working Scientifically skills within the subject. This allows a balanced mixture of structured activities and more open ended investigations which can be differentiated to suit all within the class. With careful planning, children can both acquire and apply their knowledge, skills and concepts of science in a variety of situations.

Science is taught as a single subject but natural links with other subjects are encouraged. Teachers plan successions of lessons with full knowledge of prior learning and with progression for all as a priority.

Organisation

Classroom organisation varies according to the activity being under-taken. Children may be working as a full class, in groups or individually. Materials and resources are organised to ensure safety and availability.

Assessment

Assessment is used continually throughout each programme of study with each assessment opportunity being used to inform planning. Teachers use a variety of assessment methods which can include written tasks (both informal and formal), discussion, questioning, and observation. All children are encouraged to discuss their progress and older children self-assess where appropriate.

Safety

Teachers have the responsibility to plan safe activities for Science, referring when in any doubt, to the A.S.E publication 'Be Safe' and directives from the L.A. Teachers have a responsibility to ensure all Science lessons are taught safely and that any potential risks are minimised. Health and Safety issues are highlighted in our planning.