



Warton St Paul's

Church of England Primary Academy
A member of **CDARI**

Science Policy

Reviewed September 2025

Next review September 2026

Our Mission Statement

'Believe, Belong, Be the Best
that you can Be'

*"Whatever you do in word or deed,
do everything in the name of the
Lord." Colossians 3:17*

1. The Core Vision

Science is an important area of the curriculum at St. Pauls C.E. and is taught weekly in line with the National curriculum. The curriculum is designed to foster curiosity and awe regarding the natural world. It moves beyond simple rote learning to ensure children are raising their own questions and investigating the "why" and "how" of physical, chemical, and biological phenomena.

2. Skills Progression (Working Scientifically)

The school follows the National Curriculum 2014, with a clear trajectory of difficulty:

- Key Stage 1: Focuses on basic observation, using simple equipment, performing simple tests, and gathering data.
- Lower/Upper Key Stage 2: Shifts toward more complex investigations, increased accuracy in measurement, and deeper analysis of results (as detailed on pages 155 and 166 of the NC).

3. Key Instructional Pillars

Pillar	Focus Area
Investigation	Heavy emphasis on first-hand experiences and practical problem-solving.
Vocabulary	Explicitly introducing pupils to the formal language of science.
Technology	Integrating computing into scientific studies.
Environment	Utilizing the local area, pond, and environmental spaces as "outdoor classrooms."

4. Inclusive Excellence

- **Equal Access:** Instruction is adapted for all learners regardless of ethnicity, gender, or social circumstances.
- **Support:** TAs and teachers provide extra support for those who need it, while "More Able" pupils are provided with high-challenge extensions.
- **Health & Safety:** Regular equipment checks and specific risk assessments (e.g., for the pond) are mandatory.

5. Assessment & Feedback

- **Formative Assessment:** Teachers assess if children are working at, above, or below age-related expectations.
- **Marking:** Recognises that science is often oral or practical. Written marking is focused on the **Learning Objective** to provide clear targets for improvement.
- **Reporting:** Results are shared with parents through annual reports and dedicated evenings.

Resources

The subject is quite well resourced. Resources are stored in a central cupboard on the main corridor. Each member of staff has a comprehensive resource list and all the drawers are numbered so that the children can be sent to collect relevant resources. There is also a topic folder which teachers can reference for ideas for creative approaches to their chosen topic and to help with planning investigations.

Role of the subject leader

- To keep up to date with changes to the teaching of science.
- To attend courses and disseminate information to staff on how to teach science successfully.
- To support colleagues with ideas and information relating to the topics being taught.
- To review and update resources as required.
- To deliver changes to the staff through staff meetings.

Complete book scrutiny and lesson observations.

This policy will be reviewed according to the emerging needs of our school.

SignedDate (Chair of Governors)

SignedDate (Headteacher)