

Tanworth-in-Arden Church of England
Primary School and Nursery



*In God's family, learning, loving,
growing to be our very best.*

POLICY: Science

Science Policy

This policy outlines the intent, implementation, and impact of the Science curriculum at Tanworth-in-Arden CofE Primary School and Nursery. It aligns with the school's Christian ethos, vision, and curriculum aims to provide high-quality, engaging, and inclusive Science education.

Intent

Our Science curriculum aims to:

- Inspire curiosity and fascination about the world.
- Develop a deep understanding of scientific concepts and processes.
- Encourage children to think scientifically and critically.
- Explore the uses and implications of Science today and in the future.
- Embed scientific enquiry skills throughout all units of work.
- Promote respect for living things and the environment.
- Foster cross-curricular links, particularly with Maths, English, and Design Technology.

Implementation

The Science curriculum follows the National Curriculum, with a clear structure across all year groups. Key features include:

- Weekly Science lessons (minimum 1 hour in Key Stage 1, 2 hours in Key Stage 2).
- A knowledge organiser for each unit outlining key vocabulary and concepts.
- Scientific enquiry skills embedded in every unit.
- Practical investigations at least once per half term.
- Prior knowledge activities at the start of each unit.
- Working walls to support vocabulary acquisition.
- Challenge questions to promote critical thinking.
- Educational trips and guest speakers.
- Regular opportunities to revisit and consolidate learning.

EYFS

In Early Years, Science is introduced through Understanding the World. Children explore their environment, ask questions, and observe changes through play and practical experiences.

Impact

The impact of our Science curriculum is measured through:

- Pupil voice discussions.
- Work scrutinies.
- Progression in knowledge and skills.
- Engagement in lessons.

- Assessments at the end of each unit.
- The ability to discuss key scientists and their impact on the world.
- Development of scientific enquiry skills.

Inclusion and Equal Opportunities

All pupils, regardless of background or ability, are entitled to access a broad and balanced Science curriculum. Differentiated resources, additional scaffolding, and inclusive planning ensure full participation.

Monitoring and Review

The Science Lead monitors teaching, learning, and pupil outcomes. This policy will be reviewed every two years to ensure it continues to meet the needs of the school community and reflects current best practices.

Approved by: Headteacher

Date: [Insert Date]

Review Date: [Insert Date]