



Science at St George's

INTENT

IMPLEMENTATION

CULTURAL CAPITAL

Embed sustainability and care for the environment.

- Make meaningful links between science and environmental responsibility.
- Promote recycling, reducing waste and caring for our school environment.
- Use outdoor learning to explore habitats and living things.
- **Encourage stewardship through Community and Climate Action challenges.**
- **Connect learning to local, national and global environmental issues.**
- **Eco Warriors lead sustainability projects and help implement our Sustainability Action Plan.**
- Gardening Club develops practical gardening skills while caring for our school grounds.

Build secure knowledge of plants, animals, materials and seasonal change.

- Follow a carefully sequenced curriculum that progressively builds scientific knowledge from EYFS to Year 2.
- Revisit key concepts regularly to strengthen long-term memory.
- Explicitly teach and revisit scientific vocabulary.
- Use observation over time to develop understanding of seasonal change.
- Provide opportunities to classify, compare and identify living things and materials.
- **Make use of the local environment, including our school grounds and the Buckinghamshire countryside, to contextualise learning.**

Teach scientific enquiry through questioning, testing and analysing.

- Model scientific questioning and predictions.
- Plan opportunities for observing, identifying, classifying, pattern seeking and simple comparative tests.
- Encourage children to record observations in a variety of age-appropriate ways.
- Model how to draw simple conclusions using evidence.
- Promote scientific discussion through partner talk and whole-class reasoning.
- Provide children with context to enquiries to enhance understanding.
- Use PLAN to ensure practical working scientifically opportunities are progressive.

Inspire curiosity, enquiry and a love of discovery.

- Encourage children to ask questions and make predictions before exploring scientific concepts.
- **Create opportunities for outdoor learning to explore the natural world firsthand.**
- Opportunities for independent thinking throughout our learning environment.
- **Science week and enrichment days framed with big questions.**



Foster spirituality through awe at our world.

- Create opportunities for children to experience awe and wonder through scientific discovery.
- Provide opportunities for quiet observation and reflection outdoors.
- Celebrate moments of discovery and encourage children to recognise the interconnectedness of living things.
- **Make links between science, stewardship and our Christian vision of caring for creation.**