

St Anne's Awarded Primary Science Quality Mark Gilt



We are delighted to share that St. Anne's has been awarded the Primary Science Quality Mark Gilt Standard.

"Schools who have achieved a Primary Science Quality Mark have demonstrated a significant commitment to science teaching and learning. The profile and quality of science in each awarded school is very high. Children are engaging with great science both in and outside the classroom, developing positive attitudes towards science as well as secure scientific understanding and skills. Science subject leaders, their colleagues, head teachers, children, parents and governors should be very proud."

Assessor Overall Feedback

Through embedded events such as Science Week, to new activities, such as the STEM Scientist Workshop, Think Tank and the Botanical Gardens trip, pupils' wider experiences are becoming more varied and deeper. Links with the local secondary school have been strengthened through visits which will support transitions and provide further opportunities to develop children's science capital. This is another real strength. You should be commended on the dedication you have given to improving the teaching and learning of science at St Anne's Catholic Primary School. The children are very lucky to go to a school with such enthusiastic and committed staff.



There is a clear vision for science that is well established and consistently implemented through principles for teaching and learning which are regularly reviewed by the whole school community.



Impact: All stakeholders have shared ownership and involvement of the vision for science



Curriculum Intent: Science

At St Anne's 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 everyday life. We give the teaching and learning of science high prominence. A high quality science education provides the foundations for understanding the world and stimulates the inquisitive minds necessary for the future.



Teachers use and evaluate a developing and extending range of evidence-based strategies to challenge and support the learning needs of all children





Resources are systematically audited and acquired (purchased or borrowed/sourced from outside agencies) so that children can regularly and safely use a wide range of appropriate practical and digital resources, information texts and the outdoor environment.



Children develop independence in the full range of enquiry types, using scientific enquiry skills appropriately to answer scientific questions about the world around them.



Science
As chemists, our Year 3 Rock Detectives were on a mission to identify what types of rock are used around school. Using our knowledge of properties of different rocks, we identified where chalk, marble, limestone, granite, slate and sandstone can be used around school.



Home learning projects are often cross curricular - this was linked to Habitats

Geography

The children have been displaying their knowledge of biomes linked to Geography this week. They have answered their enquiry question through a double page spread in their books. Year 5 have produced some wonderful pieces of work which truly highlights their fantastic knowledge and retrieval skills, well done everyone!



Science

As biologists, Year 3 have pattern seeking to find if there is a connection between the size of a seed and the height that plant will grow to. They also produced a bar chart to show the findings of their investigation!



Links with geography - Great Explorers - homework project focused on the Americas



Links with DfT Healthy Eating topic - how to make a healthy salad

Children see science in other areas of the curriculum and are able to transfer their knowledge and skills.



Year 5 Science Progressed at end of Year 5 in **Science** - knowledge and understanding

Topic	Knowledge and Understanding	Skills	Attitudes
Plants and Animals	Knows the parts of a plant and animal and how they are adapted to their environment.	Can identify the parts of a plant and animal and describe their functions.	Shows interest in the natural world and is curious to learn more.
Human Body	Knows the main parts of the human body and how they are adapted to their functions.	Can identify the main parts of the human body and describe their functions.	Shows interest in the human body and is curious to learn more.
Health and Safety	Knows the importance of healthy eating and exercise and how to stay safe.	Can identify healthy foods and activities and describe how to stay safe.	Shows interest in healthy living and is curious to learn more.

Staff are provided with a planning document which contains cross curricular links to plan from



Year 5 created a graph linked to their unit on Plants

High quality books are purchased for children to access linked to science topics.