



St Anne's Catholic Primary School

Science Curriculum Celebration 2021

By Mrs R. Brookfield (Science Subject Leader)



We are Scientists!

Over the past year, Science has been at the forefront of the news and our world after COVID 19 had and still is being transmitted around our planet and the worrying temperatures due to Global Warming.

The importance of championing the subject is essential so that our children can have the opportunity to get excited and want to be future scientists.

In the Autumn Term, just before Christmas, all year groups ranging from Nursery to Year 6 investigated a variety of hypothesis' relating to Father Christmas' biscuits that he eats on Christmas Eve. The findings were amazing and this showed progression of the knowledge and understanding throughout the school.



As the second half of the Spring Term curriculum focus is 'We are Scientists', some of children of St Anne's focused on a research topic about famous women scientists. Some year groups focused on one woman. Reception linked their topic of Dinosaurs with Mary Anning.

Year 1 enjoyed learning about Hedy Lamarr. They wrote a fantastic bibliography about this fantastic lady.

Year 2 studied the wonderful scientist Beatrix Potter and they were amazed that she wasn't just a famous author of the Peter Rabbit books.

Year 5 researched the wonderful Margaret Hamilton and the children wrote a fact file about this amazing scientist.

Year 3 focused on women in STEM such as Rosalind Franklin, Marie Curie and Fei Fei Li.

Year 4 and Year 6 chose their own scientist to research and create wonderful fact files about these superb ladies.

This project well and truly inspired our young scientists.

St Anne's Science curriculum has been tailored by the National Curriculum objectives through knowledge based lessons and using Working Scientifically skills. The knowledge and skills for each scientific area are developed age and stage appropriately.

In the Autumn Term, Year 3 studied 'Light' and observed the patterns in the way that the size of shadows can change.

Reception used our school grounds to learn about wonderful mini-beasts.

In the Spring Term, Year 5 studied Forces and carried out a number of investigations, which were linked with Design Technology. The children created boats and tested the air and water resistance.

Year 6 progressed with their knowledge and skills about Electricity, which was first learnt in Year 4.

The children in Year 4 studied Habitats and designed and created 'bug hotels' using recycled and reclaimed materials which was linked to the Geography topic.

Year 2 linked their STEM investigations with the Explorers topic. The children created the layers of the ocean, floating and sinking, and making the best paper airplanes.

In the Summer Term, Year 1 are learning about Summer and seasons through Seasonal Changes. The children will create their own weather diary as part of an experiment.