

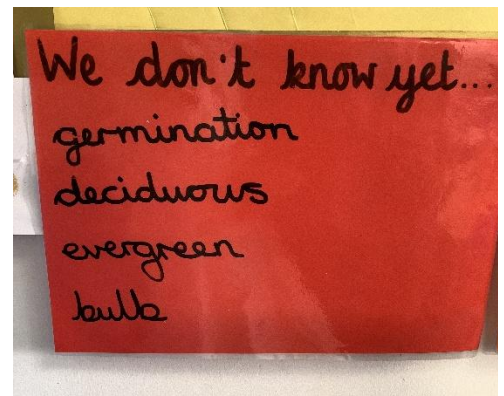
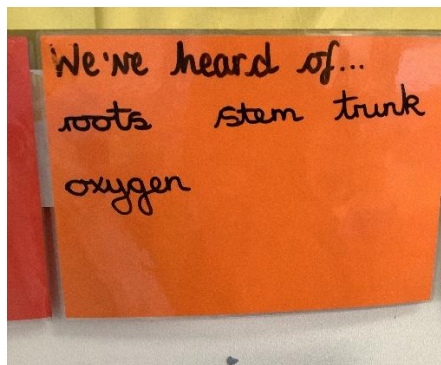
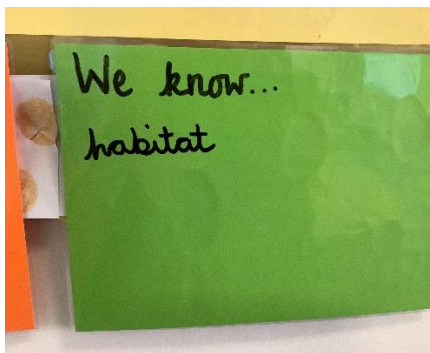
Science Governors Report 2025

What a busy and successful year it has been for the Science curriculum! We have continued to adapt every lesson to meet the learning needs of all children, ensuring that each session is purposeful and well resourced. Every Science lesson begins with a shared read—carefully chosen texts that are diverse, relevant, and directly linked to the subject matter. These include key vocabulary which is introduced and explained beforehand.

At the start of each lesson, children also answer quiz questions to consolidate prior learning and strengthen knowledge retention. This has helped reinforce key concepts and build confidence over time.

Children consistently use their knowledge organisers in lessons, which include key vocabulary for each unit. In addition, they refer to the 'We Don't Know', 'We've Heard Of', and 'We Know' posters, which are updated in every lesson to reflect their growing understanding. This ongoing reference to vocabulary has contributed to a noticeable improvement in vocabulary scores across the school in end-of-unit assessments.

Pupils have also thoroughly enjoyed learning about significant figures in Science. They are now able to speak confidently about the scientists studied in each topic, demonstrating both engagement and understanding.



Science Club

This year, Year 1 and 2 children had the exciting opportunity to take part in a Science after-school club. The six-week club, run by Mrs Griffith every Wednesday, offered a new experiment each week. Some of the favourite activities included making their own slime to take home, creating colourful lava lamps, investigating the pepper and soap experiment, and finishing with an explosive reaction using Mentos and Coke!



Science Week 2025

The theme for Science Week this year was 'Change and Adapt'. The children began each morning with a Science task which encouraged the children to widen their thinking which created discussions. The children also took part in a whole school poster competition where a KS1 and KS2 winner was chosen for the most creative poster based on this year's theme. The children especially enjoyed live lessons provided by 'NFU Education' where the children learned how to be a 'biodiversity buddies. Some year groups even made bird feeders and hung them out in the outdoor classroom. The older children enjoyed investigating 'What is the best blade shape for a wind turbine?'



Curriculum Coverage

Our youngest learners in Foundation One have loved exploring ways to help their nursery rhyme friends. For example, they investigated how to protect Humpty Dumpty from cracking if he falls off the wall again. They also enjoyed learning about the lifecycle of a caterpillar, practicing their sequencing skills as they put the stages in order.

Meanwhile, Foundation Two children had the opportunity to plant seeds and bulbs, caring for them by watering daily and measuring their growth over time. They also spent plenty of time in the outdoor classroom, observing and discussing the seasonal changes in the trees around them.



The excitement continued in Year 1 when the children discovered a packet of mystery seeds and were eager to find out what they would grow into. They planned and carried out their own scientific investigation, carefully planting the seeds in pots. The children then observed the plants over time to discover what they would become.



Year 2 thoroughly enjoyed their topic on materials, with the putty investigation being their favourite. The activity sparked lots of curiosity and excitement as the children explored the properties of putty in a hands-on way. They specifically investigated whether the size of a ball of putty would affect how far it could stretch. They carefully planned their experiments, made predictions, and measured the results to draw their conclusions.



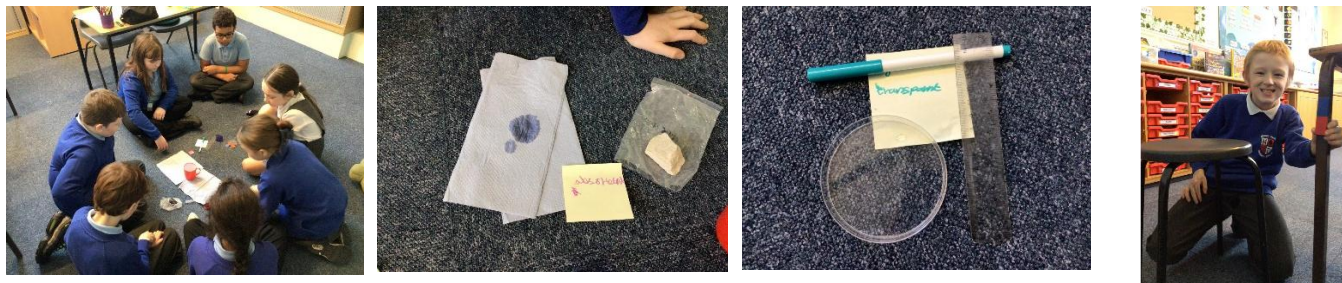
Year 3 thoroughly enjoyed their Plants topic, especially when they had the opportunity to dissect real plants. Using magnifying glasses, they carefully examined and identified key parts, including the petal, stigma, stamen, carpel, and ovary. This hands-on activity helped them understand the roles each part plays in the life cycle of a plant. The children were fascinated by the detail and asked lots of thoughtful questions during their investigations.



Year 4 had a great time during their Science topic 'Animals Including Humans' especially when they carried out an exciting plaque investigation. Using special disclosing tablets, the children were able to see plaque on their teeth by the colour it revealed. They were fascinated by the results and enjoyed examining their teeth closely in mirrors.



Year 5 have had a busy year and had a fantastic time exploring their 'Materials' topic. They especially enjoyed the lesson where they tested a variety of materials to discover their properties, including whether they were transparent, reflective, absorbent, flexible, or magnetic. Through experiments and group work, they observed and recorded their results, then discussed how different materials are suited to various uses.



Year 6 have enjoyed various topics this year and benefitted from revisiting the topics of light and electricity. They refreshed their understanding from their Year 4 learning before moving on to investigate how the number of cells in a circuit can impact other components—especially the volume of a buzzer, which made for a very noisy lesson!



End of Year Data

End of Year Data July 2025			
	% below expectation	% at expectation or above	% above expectation
Year 1	17%	83%	5%
Year 2	16%	84%	9%
Year 3	3%	97%	17%
Year 4	14%	86%	24%
Year 5	5%	95%	20%
Year 6	12%	88%	29%