

British Science Week - 18th-22nd March

Brampton Primary School

During the week commencing the 18th of March Brampton Primary School engaged in a week of science fun! All the classes in our school had science lessons every day. We learn lots of interesting facts.

Each day a different teacher took a school assembly and introduced a new scientific experiment. The children were actively involved in the experiments and also discussed predictions with the teacher.



Throughout the week the children had lots of opportunities in each class to learn new and interesting things, have a look at what we have been up to!

Reception

Had various experiments throughout the week. The children really enjoyed investigating all of the experiments, and look closely at similarities and difference in a variety of ways. They enjoyed exploring liquids and their viscosity by seeing how quickly they would travel down a tube with different liquids on such as oil, syrup and shaving foam. They also looked at making a lava lamp. The children predicted and talked about the changes that occurred.



KS1

KS1 have been learning about habitats this half term. On Monday they went into Stove woods and had a day with a Forrest school lead. They made clay models of minibeast and thought about where they could hide them in their natural habitat. They also worked with Mary to make a bug hotel for the minibeasts. They foraged for good pieces of natural material for the hotel and then they worked in pairs to bundle tougher materials tying them up with string and placing in the bug hotel, they learnt which materials were best and why. They also had the opportunity to sort minibeast into Venn and Carroll diagrams. They continued to learn about his throughout the week.



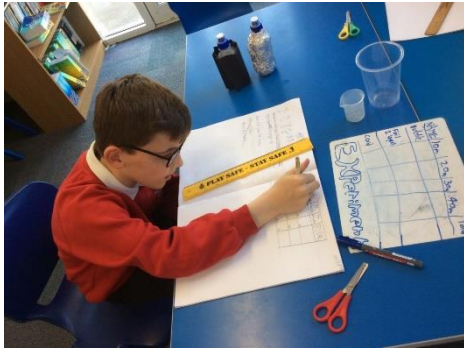
KS2

During science week year 3 and 4 looked at the different types of skeletons both animals and humans had. The class were able to look at the difference between animals with endo-skeletons and exoskeletons, as well as the difference between vertebrates and invertebrates. We had a fantastic visit from CEFAS who brought a range of different animals' skulls for the children to look at and they had to identify whether the animals were herbivores, carnivores or omnivores based on the teeth the animal had.



Year 5 and 6 spent science week learning about thermal conductors and insulators. The class were given the task of finding the best material to wrap around a bottle of frozen water to decrease the speed in which the ice defrosted. Working in groups, the children explored the materials available to them, comparing them to other objects that they knew

did a similar job (ice packs, lunch boxes etc.) All children wrote a prediction before carrying out the experiment. Variables were discussed as a class and rules of the experiment were introduced to ensure there was a fair test which would provide reliable results. The class also decided to have a bottle of water which was not interfered with throughout the experiment as something to compare their results to. After a successful experiment, the children were able to write up their findings and produced bar charts showing how much water was lost from the bottle at 4 10 minute intervals. The class were very enthusiastic about the week's events and really enjoyed working scientifically. Many of the children did extra work and research at home, coming in with extra information which they had done themselves at home. Their engagement, from start to finish, was consistent and everyone in the class completed a scientific write up about the experiment.



Parent comments on science week:

- 1) "What a fantastic week! So many fun, unique and educational things happening in school - we didn't hear the end of it at home. It was great knowing that the teachers were really getting involved and taking part in assembly experiments as that really enthused the children to join in with the science fair at the end of the week. Well done Brampton!"
- 2) "The science fair at the end of science week was a huge success. I've never seen so many children so excited about taking part in an educational event before! We really enjoyed walking around and seeing the wide range of experiments on show from all year groups. Very inclusive, great fun and extremely messy! My family and I hope you can do it again next year."