

Science Week News Special

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British Science Week 2019



British Science Week 2019 went off with a bang at Woodcroft as every year group took part in a special investigation or scientific trip! There were a great range of experiences across the school; from exploring local habitats, watching chicks hatch, to inflating balloons using vinegar and baking soda.

Take a look at some of the things year group got up to below...

Nursery: Colour Run

Nursery observed an experiment using washing up liquid, food colour, baking powder and vinegar. It was very exciting when it frothed up. All the colours spilled onto the tray but they did not mix. We all said 'Wow'!



Reception

Reception Learn About Teeth with a dentist visit:

On Wednesday 13th March a local dentist Mr Small and his colleagues visited Reception Class to talk about teeth and dental hygiene. The children enjoyed finding out about teeth from an expert and even practised cleaning a large set of teeth using a giant toothbrush! Mr Small also explained about the job our teeth do and why it is important to keep our teeth clean. We were also learning about healthy foods.



Reception Experiment: Tunnel Engineers

Children explored different materials to make a tunnel: stones, sand and wet sand. Children shared some really interesting ideas: Georgina- 'If you put sticky things with the stone it makes it stronger'. Kaiden- 'You put water to make it (the dry sand) strong'. George- 'If you put cement on the bricks then they will be strong'. Kaiden, Jaden and Jay then added water to the sand and placed large stones into the mix to create a tunnel for a train.



Year 1: Liquids Speed Test

Year 1 made some excellent predictions and carried out an experiment to test how quickly different liquids travel. However, we realised that the test was not completely fair and that it was very tricky for us all to record the results so we have been thinking like scientists to improve our experiment.

These are some of our very clever ideas:

"We need to get more blocks so it will be taller, so the liquids can go faster." - Samatalis

"We can use not one stopwatch but lots of them so it's more fair." - Maida

We can't wait to carry out our new, improved experiment!



Year 2: Nature Walk



On Wednesday last week, Year 2 went to the Deansbrook Nature Reserve for a Science Week visit. We found different insects and skeletons, with nature and wildlife all around. We had a plastic bag to collect dead objects and we saw lots of species of different birds and interesting wildlife. We had a really fun time! **by Aadya**



Year 3: Happy Chicks

On Monday, The Happy Chick Company gave us 10 chick eggs to look after in an incubator to keep them warm. The next day one chick hatched and it was soaking wet. The day after that, 8 more chicks hatched and they were all soaking wet like the first one.

On Thursday the last chick hatched overnight. Once all the chicks had hatched, we took them out of the incubator and into the brooder box. On Friday Miss Blyth gave them chunks of cucumber which they liked, we sat in a circle and let the chicks go in the middle. Finally on Monday the whole class got to hold the chick. **By Ivo**

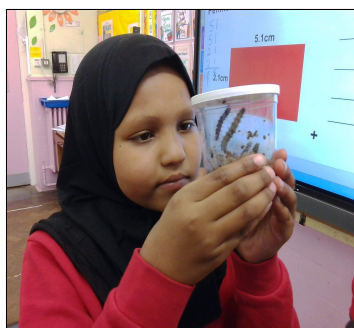


Year 4: Butterfly Project

Year 4 are currently learning about Living Things and their Habitats, so for British Science Week we received a special delivery of some caterpillars! We have been watching the caterpillars grow and change into chrysalides before they transform into beautiful painted lady butterflies.

'They are wonderful creatures, it's amazing to see their metamorphosis into beautiful

butterflies! I can't wait to set them free in the butterfly garden.' **By Tiwana**



Year 5: Magic Balloons

Year 5 were blown away when they discovered that the reaction between vinegar and bicarbonate of soda can produce enough gas to inflate a balloon! On further investigation, we found that the bigger, stretchier balloons took longer to inflate because they needed more gas. Still, much easier than blowing them up yourself!



Year 6: Elephant Toothpaste



Last Tuesday, March 13th, Year 6 made Elephant Toothpaste. We used yeast, washing up liquid, food colouring and hydrogen peroxide. The colour of the elephant toothpaste was a light green for our group. The leaders of this spectacular experiment in "irreversible" changes were Ms. Gignac and Mrs. Federman. The foam came out of the tube slowly but it made a BIG MESS!!

By Taylar

