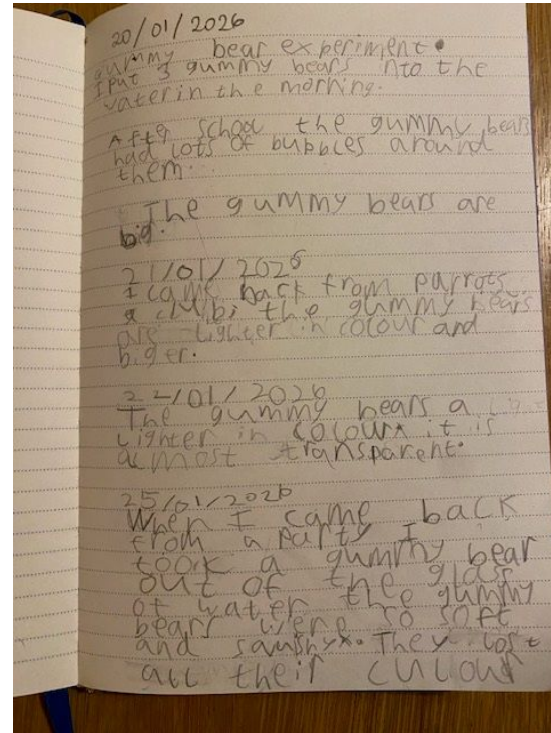


Burlington's Science Selfie Challenge





This boy made the solar system by cutting out shapes from different coloured card. He included a volcano on Mars, a ring on Saturn and drew storm spots on Jupiter and Uranus as they are gas planets. He initially attached the Sun and the planets to sticks but then decided to display them stuck to our window so that the dark outside looked like space. In the photo he said the flash light looks like the shining moon! Well done!



This girl had so much fun doing the gummy bears experiment and documented her observations. Well done!

This girl loved doing the science homework and drew this colourful picture of the solar system. Well done!





This girl was so excited to do the science homework. She made this brilliant picture of the solar system! Well done.

This girl really enjoyed doing the science homework this week and made this amazing picture of the solar system and all the planets - well done!





Our Science doll Lottie came to this girl's house at the weekend and did lots of science activities. They made bubble mixture and blew bubbles through different sized things. She liked the bubble snake that she made by blowing bubbles through a cloth. She also made a balloon static by rubbing it on her head and the balloon stuck to the wall. Well done!

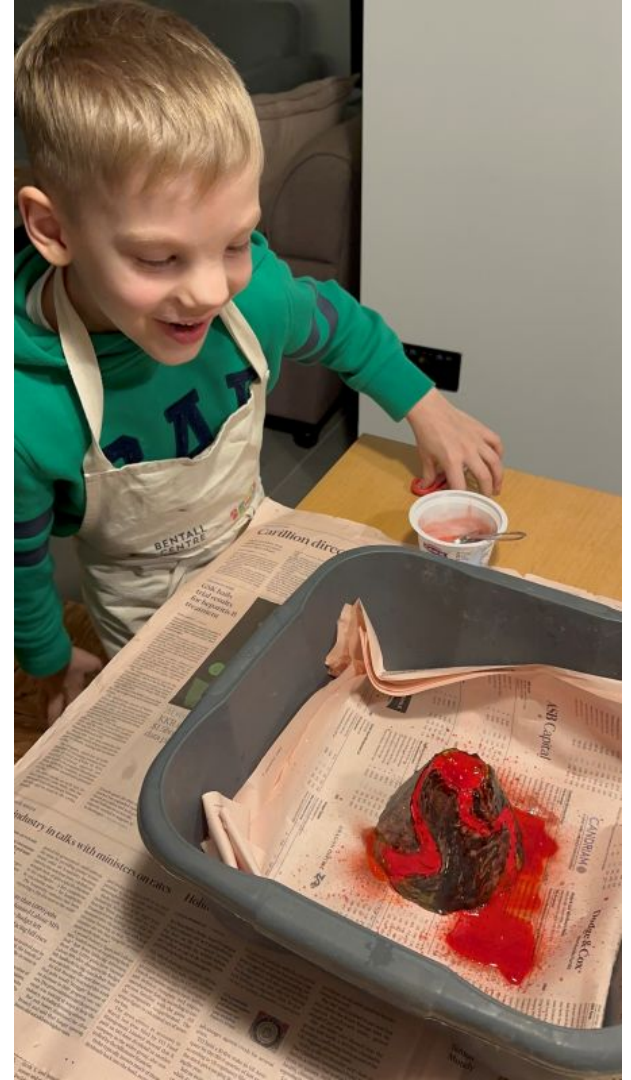
This boy loved painting his model of all the planets. Well done!





This boy explored how electricity works by making a lemon battery. He inserted copper and zinc electrodes into a lemon and connected them with wires. The chemical reaction inside the lemon created electricity, which was enough to turn a small digital clock on and off. We also learned that grapes can be used instead of lemons to make electricity in a similar way. It was exciting to see electricity made from fruits.

This boy made a volcano at home using plaster to create the shape and then painted it. After it dried, he carried out a volcano eruption experiment using a National Geographic science kit. He enjoyed watching the volcano erupt and learning what happens when different ingredients are mixed together. This activity helped him explore science in a fun, hands-on way.





This girl explored the fascinating world of blood cells with the "Bursting Blood Cells" experiment. She began by creating red blood cells, mixing a scoop of Calcium Chloride in a cup of water, and then using a small pipette filled with red Sodium Alginate to gently drip small blobs into the cup. It burst when she pinched it! For the white blood cells, she used White Sodium Alginate, submerged it into the calcium chloride solution, and gently shook the scoop until the white blood drop was released. Next, she got creative with a "Jar of Creepy Eyeballs" experiment. She prepared a solution of water and Calcium Chloride in a cup and added a few drops of White Sodium Alginate in a scoop. She then placed a red blood cell she made earlier on top, submerged the scoop in the solution, counted to twenty, and gently shook the scoop until the white blood drop was released. The result? A squishy and creepy eyeball!

This boy was excited to try different paper bridges. First of all he tried a single sheet of paper and found it would only hold 3 small coins before it collapsed. He doubled the sheets and found it would then hold 7 coins. Next he tried folding the sides of the paper. This bridge held 17 coins before collapsing. If he added a sheet of paper underneath it would hold 21 coins. Lastly he tried concertina folding. This bridge held all 25 coins that we had and was still standing! He concluded this was the strongest bridge.



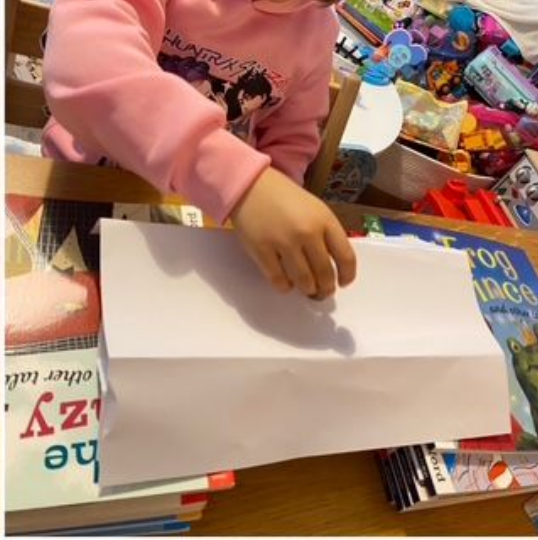


This boy loved having the science bag, building the world puzzle and seeing where animals came from and showing his mum where some dinosaurs came from too. He really enjoyed reading about food chains and learning about different famous scientists!



On Sunday this boy went to the science museum with his Auntie. She's from America, and she's a scientist. She told him about DNA - the tiny building blocks that make us who we are. He also saw lots of machines and engines, and got to play with water and explore all kinds of science exhibits.

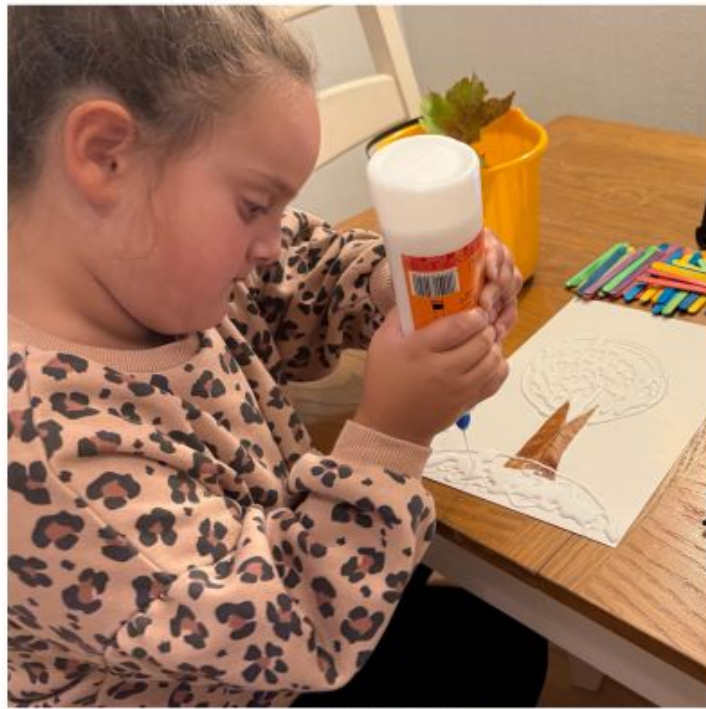




Last weekend, this girl tried different ways to see how strong her paper bridge was. From the experiment she learned that the triangular and ridge shapes were the strongest. The distance and thickness of the paper also affected the bridge's strength. Well done!

This girl really enjoyed taking home one of our Science Whizz bags. She loved reading all the science books and particularly enjoyed doing the jigsaw. Well done!





This girl collected different leaves and created these beautiful pictures. Well done!



This girl really enjoyed doing the science homework challenge - she even made 2 bridges! She made a suspension bridge using different materials and tested how strong they were with a flask of water. Well done!



This girl had an autumnal walk at the weekend gathering leaves before making a lions mane out of them. She then thought to use the stems for whiskers. Amazing!

This boy visited the Cutty Sark in Greenwich and learned all about how ships were built and how they sailed around the world carrying tea and wool. He also had a chance to learn how to tie sailors' knots and to steer the ship's wheel, which he really enjoyed!

