

Burlington's Science Selfie Challenge





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.



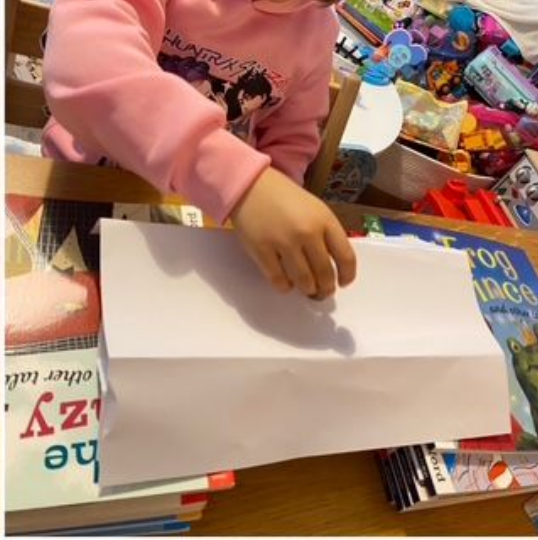


This boy loved having the science bag, building the world puzzle and seeing where animals came from and showing his mum where some dinosaurs came from too. He really enjoyed reading about food chains and learning about different famous scientists!



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.

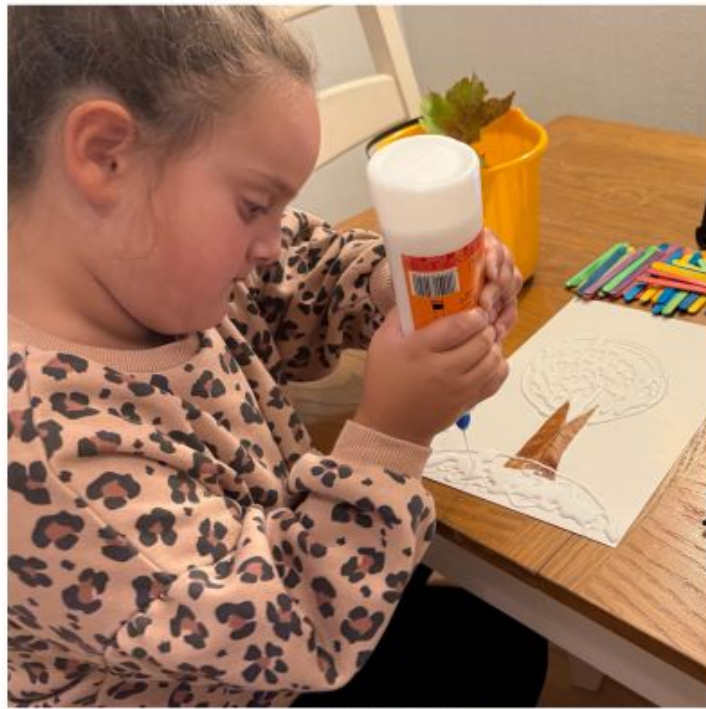




Last weekend, this girl tried different ways to see how strong her paper bridge was. From the experiment she learned that the triangular and ridge shapes were the strongest. The distance and thickness of the paper also affected the bridge's strength. Well done!

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!





This girl collected lots of beautiful leaves near her house and made a picture of a peacock showing off his feathers! Well done!

This boy collected leaves from Richmond park where he explored the Isabella plantation and tried naming different types of trees. Then he decided to make the Eiffel Tower with the leaves. He and his mummy had so much fun doing this together. Well done!





This boy wanted to do a bark rubbing from the tree in his garden and then had the idea to cut out a trunk and branches from the rubbed patterned paper and use leaves to make a tree. He also used a leaf to make the body of a ginger cat in the garden! Well done!



This girl had so much fun doing her science homework. She collected lots of leaves and made this lovely picture of a mummy unicorn and her baby! We love the leaf you have used as the unicorn horn! Well done!

This girl made a beautiful lantern using leaves and seeds she had collected. She used an old biscuit box as the frame and repurposed an old necklace as the hanger. Well done, this is so creative!





This boy was so excited to do his science homework and made this beautiful bird from leaves he had collected. We love the way you have framed your picture with the leaves as well. Well done!

This girl and her mummy went for a walk in Beverley Park to learn about the trees. Along the way, they saw a chestnut tree, a pine tree, an oak with acorns, a wild pear tree, a cherry laurel tree, and a plum tree. They picked one leaf from each tree and also added some twigs from a berry bush. For the science homework, she used the leaves and twigs she had collected to make butterflies! Well done!





This girl went to RHS Wisley Gardens last weekend and collected lots of leaves to do her science homework. She created this beautiful hedgehog - we love the autumnal colours! Well done!



This boy and his family did the science homework at the weekend, picking up autumn leaves and collectively creating a savannah with the leaves collected! Spot the lion, the elephant, the giraffe, the Hippo, the meerkat and the crocodile! Well done Max!