



STEM WEEK SPECIAL **EDITION NEWSLETTER**

What a week! Every class in every year group has been extra busy this week engaging in some fabulous STEM activities all planned and organised by our brilliant teachers. Have a look at what each year group has been up to.

Reception

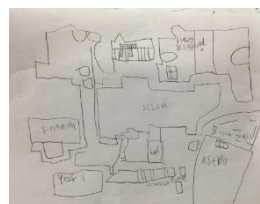
In our Reception classes, Stem Week has been an absolute blast! We've delved into the exciting world of motion, sparking creativity and curiosity along the way. From designing and constructing cranes using everyday materials like plastic water bottles, polyester, and string, to exploring balance, our little learners have been fully immersed. Predicting and testing how many animals could balance on top of various structures, they used their skills of estimation and problem-solving. With cups, rulers, and lollipop sticks in hand, they embarked on balancing acts, gradually expanding their understanding of numbers up to 100. It's been a week filled with hands-on exploration and discovery.



Year 1

Year 1 have been working hard on the investigation question: 'How can we plan the perfect picnic in our school?'

First, we looked at sheltered areas in our school and we made a prediction. Next, we explored the areas with our teddies and took pictures with the iPads. Then, we created maps of the school. After that, we spoke about the different materials that we would need and their properties. Finally, we made a list. What a great week we have had!



Year 2

In Year 2 this week we have enjoyed 2 wonderful guest speakers- one from a neuroscientist, telling us about how the brain works and the other about rubbish and the impact plastic and packaging has on our environment. The children got to see a model brain, made their own neurons and drew themselves as scientists. They also looked at different types of packaging and thought about what we can do to help our environment.



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Later in the week, we had a 'money sense' workshop and set up some shops in the classrooms with each child being given a budget of £2 to spend or save as they wish. They also had to track their spending to make sure they had enough to buy everything they wanted to.



Today we have been doing a science investigation around temperature and using thermometers and map skills to work out where the warmest place around school is for our picnic on Friday. The end of the week culminated with a STEM picnic enjoying hot cross buns to tie in with our RE learning around Easter!



Year 3

Year 3 displayed an impressive eagerness for learning throughout STEM week, engaging well in our exciting activities. They kicked off the week by collaboratively investigating patterns in their STEM project, "Do people with longer arms throw further?" On Tuesday, they delved into the world of finance with visitors from Natwest bank, eagerly absorbing insights into banking systems and money management. In the afternoon, they expanded their understanding of sustainability through a captivating session with a waste scientist, learning about recyclable waste and its

environmental impact. On Friday, they took part in an Energy Garden workshop which taught them about environmental technology and sustainable practices, reflecting their commitment to nurturing a greener planet.

Year 4

Natwest bank visited Year 4 to deliver a Money Sense workshop to discuss how to help us "save our pennies; save our planet". The children were excited to learn the cost of running various home appliances (a whopping 85p per hour to run the tumble dryer!). We compared these costs and suggested a list of things that we could change at home to improve our environment and our household bank balances! Some tips that we can now suggest are:

Save 56p (per hour): only use the dishwasher when it is completely full, not with half a load.

Save 12p (per hour): turn off the tv and play a board game.

Save 85p (per hour): turn off the electric heater and put on a jumper



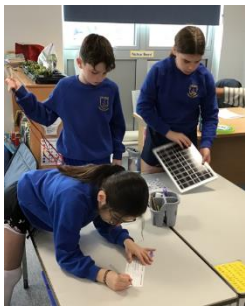


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Year 5

Year 5 have had such fun during this busy STEM week. On Tuesday, we became investigators of a fraud scene. We had representatives from Natwest who helped support the session and were quizzed later by the children. In the afternoon, we partook in a whole school science investigation looking at the question: "Do people with longer arms throw further?". We carried out the experiment, despite the rain, and collected our results and are awaiting the final findings. We had a visitor from Amazon on Wednesday afternoon who introduced the children to the workings of a multi-national company and the technology involved. We finished the week with an art lesson based on the Fibonacci sequence and the energy garden workshop in which the children got to test the effects of different light sources on solar panels.



we utilised scientific and mathematical skills to collect data and make observations over time. Additionally, we participated in a captivating live webinar focused on volcanoes and earthquakes, delving into the intricate workings of tectonics and the movements of tectonic plates. A parent speaker visited us, sharing insights on how physics plays a crucial role in becoming a champion rower, inspiring us with practical applications of scientific principles. Finally, our Energy Garden workshop offered a hands-on experience, blending environmental science with creativity and teamwork. STEM week proved to be an enriching and diverse exploration of science, technology, engineering, and mathematics for our Year 6 students.



In addition to the class-based STEM activities this week, our KS2 pupils in the SRP enjoyed taking part in a Maths Treasure Trail around the school. When asked by Mr Page for feedback one of the pupils said, "If you were a child again Mr Page, you would have had so much fun!"

We agree!

Year 6

During STEM week in Year 6, our students engaged in an exciting array of scientific and mathematical activities. In our STEM PE lesson,

