



British Science Week Newsletter

Maize Class

This week our reception children have thoroughly enjoyed a range of science activities. The focus for our class across the week was observing and describing what we see. We started the week by mixing salt in water and talking about 'dissolving' we left a salt water jar with some string dangling in it and we are going to see at the end of the week and into next week what has happened to the solution.

We have focused a lot of our science work around colour as this linked to our class text this week.

We set up an investigation using white flowers that we placed into a jar of water with blue dye added. Rupert predicted that the flowers would turn blue and by the following morning we noticed the white petals were tinged with blue. We are going to leave them a bit longer to see what happens.

Outside in the forest area we went on a spring hunt, looking for a number of items that were on our picture maps. We found daffodils, buds and leaves on trees, primroses, snowdrops and irises.

We set up an investigation where we added oil to water and observed that the oil sat above the water and the liquids didn't mix. We then used droppers to add ink, we were fascinated with how the ink sat as little bubbles in the oil until it sank into the water, colouring the water.

We investigated adding drops of different coloured dye to a glass jar of water with a shaving foam layer. We loved seeing the colours and how they mixed together to make 'rainbows' in the foam.

We ended the week by investigating , using test tubes and droppers, what happens when vinegar is added to a solution of baking soda and coloured water. We wore our safety goggles and were delighted with the outcome!

We have thoroughly enjoyed our science week and developing our enquiry skills.



Wheat Class

In Wheat class we have celebrated science this week. To begin the week, we learnt about helicopter blades and why they are wide and thin. We made our own and tested them out in the classroom. This was really fun and we also learnt about how NASA did the same experiment for the Mars Rover.

We also learnt about the prehistoric world and what local digs are happening to find out more in our local area.

Oats Class

For Science Week, Oats Class has been having a fantastic time honing our scientific skills through a series of captivating experiments. The students have truly demonstrated their independence in carrying out investigations, showing enthusiasm and curiosity.

One of our highlights involved placing a bottle with a balloon attached into both cold and hot water. We were thrilled to observe the balloon inflating in the hot water! This led to a very good discussion about how the pressure of a gas remains constant while the volume increases as the temperature rises. It was a great way to show that warm gas takes up more space!

In another experiment, we tackled the challenge of cleaning a very dirty penny using cola. The children learned that cola contains phosphoric acid, which effectively breaks down the copper-oxygen compound chemical bonds, exposing a shiny layer of copper.

We also found innovative ways to explore everyday items. By using washing up liquid, we managed to scare away black pepper! We even made raisins dance in lemonade and watched a paperclip float on water—how magical!

Overall, Science Week has been an engaging and educational experience for Oats Class, fostering a love for the wonders of science!



Barley Class

Barley enjoyed carrying out a different activity for each day of Science Week! The pupils particularly enjoyed watching the reaction between coca cola and mentos! Most of our experiments were conducted outside in the sunshine. Some groups managed to successfully put their pencil through the bag of water without it leaking! We had lots of fun embracing this week.



We are committed to Safeguarding at Milton on Stour Primary School. A summary of our policy is available for you to read on our website. It is the duty of all visitors and staff to report any concerning behaviour to the school's Designated Safeguarding Lead (Mrs Rhiannon Tidby) or Deputy DSLs (Miss Libby Higgins, Mr James Stanford or Mr Greg Banton), and children and parents are encouraged to talk to a staff member at any time if they have a concern.

Alternatively, if you have concerns about any child's safety, you can contact the Children's Advice and Duty Service (ChAD) on **01305 228866**.