

Science News

Welcome Back!

Like last year, we will be sharing science news and events from in school, the local community and around the world in our termly newsletters. We will also include science experiments and quizzes that you can do at home. As always, completed quizzes can be brought to me and you may win a prize!

If you do any exciting science activities at home please feel free to tweet your pictures using the **@elstonhallsch** twitter handle. We would love to see them!

I look forward to seeing all of your amazing science!
Mrs Morris ☺ Science Lead

Science at Elston Hall!



Nursery have used their senses in hands-on exploration of natural materials during their Wild Tribe sessions. They made mud pies and went on a bug hunt.



Reception have been learning about seasonal changes during autumn. They created an autumn collage using autumn objects.



Year 1 have enjoyed learning about their senses. They took part in a smell test to see if they could guess what was in the cup.



Year 2 have explored how plants grow. They explored different plants habitats around our school grounds.



Year 3 have enjoyed investigating magnetic forces.



Year 4 explored which materials are attracted to a magnet and which materials repel.



Year 5 have been exploring the phases of the moon as it orbits Earth. They used Oreos to represent these phases.



Year 6 learnt about the effects of air resistance, water resistance and friction that act between moving surfaces.

Elston News

This academic year we have selected new Eco ambassadors across KS1 and KS2. This role is to encourage pupils and adults at Elston Hall to make changes that will have a positive impact on our planet.

It was a particularly hard decision as we had a huge number of applicants.

However, a huge congratulations goes to the following pupils who were selected:

Year 1: Finley, Genesis, William

Year 2: Weronika, Isha, Noel

Year 3: Emmy, Harry, Dilroop

Year 4: Erin, Roseleen

Year 5: Imarnie, Olivia

Year 6: Jacob, Izayah

Science Near You

Planetarium Show! Until Sunday 26th November.

Step inside the Planetarium and experience one of the planetarium shows. There are 3 different shows to choose from. 3-2-1 Liftoff! Seasonal Stars: Autumn and From Earth to the Universe.

Where: Thinktank, Birmingham.

Spooky Shadow Puppets! 30th Oct – 3rd Nov.

Make your own spooky shadow puppet and explore how you can change the shape or size of its shadow.

Where: Thinktank, Birmingham.

Science at Home

Pumpkin Volcano

In this experiment, you can turn a pumpkin into an **oozing volcano**.

You will need:

- Pumpkin
- 5 tbsp baking soda
- 230ml white vinegar
- 160ml water
- Washing-up liquid
- Measuring jug
- Tablespoon



Method

1. Clean out the inside of a pumpkin and put your pumpkin on a tray.
2. Measure 160ml water and pour this into the cleaned out pumpkin.
3. Add 5 tablespoons of baking soda and a big squirt of washing-up liquid. Give it a good stir.
4. To make your pumpkin volcano erupt, pour 230ml of white vinegar into the pumpkin.
5. Watch what happens!

Make sure an adult helps you with experiments!

Science Club

Science club has begun and children have been enthusiastic to get involved. We have been busy making and testing parachutes, investigating magnetic strength and exploring magical fireworks. Keep your eyes peeled on our school twitter to see Science club in action during the autumn term.

Science Trips

Our Year 5 children enjoyed a visit to the National Space Centre as part of their Mission Control topic. They enjoyed a visit to the rocket tower, watching a show in the planetarium and finally programming a Lego rover to complete different missions such as going around a piece of 'Mars rock'.

