

Science News

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 enjoyed exploring the concept of floating and sinking. They experiments with lots of different objects.



As part of nursery rhyme week, reception enjoyed exploring which materials helped to protect Humpty Dumpty from breaking, when he falls off the wall.



Year 1 have been learning about herbivores, carnivores, and omnivores. They found 'animal poo' and had to investigate who the 'poo' might belong to.



Year 2 have made their own boats to test which materials float and sink when in water.



Year 3 have been learning about the water cycle. They carried out an experiment to see precipitation happen.



Year 4 have been learning about sound waves. They have explored pitch and investigated amplifying sounds.



Year 5 have been learning about air resistance. They created their own parachutes and changed variables to see which design would be most streamlined.



Year 6 have enjoyed exploring the function of the heart. They enjoyed dissecting a sheep's heart and viewing the chambers up close.

Elston News – Eco Ambassadors

Our Eco ambassadors have had a busy half term and have continued to raise the profile of why looking after our planet is important. They have introduced compost bins to every classroom and encourage their peers to recycle food waste. They also hosted a successful preloved Christmas clothing sale. The proceeds of this has been donated to 'Save the Children' so thank you to all those that donated and purchased. Keep your eyes peeled for future events 😊

Science Near You

Santa's Science Spectacular Show! Every Saturday until 30th December

From the science behind Rudolph's glowing nose to rocket powered sleighs, this show is sure to get everyone in the festive spirit!

Where: Thinktank, Birmingham.

Tripping the light! Saturday 11th November to Friday 5th January

As the seasons change and the days get shorter, its time to start thinking about light. Join us for a fantastic live show all about the science of light. Together we will explore what the sun and the earth have to do with those short winter days, how we might use light to have a little fun, and even use light to add a splash of colour.

Where: Thinktank, Birmingham.

Science Club

Science club have had a fantastic Autumn term and all children have blown us away with their enthusiasm to get involved with our investigations. We have been busy investigating the effects of exercise on our bodies, observing and recording the seasonal changes happening around us and also making our own snow to build miniature snowmen. Well done Science club!

Science Quiz

1. How many seasons are there?
2. In which season do the leaves fall off the trees?
3. Which two months have the least amount of daylight?
4. Who was Isaac Newton?
5. How is a polar bear adapted to its environment?

Science at Home

Fake Snow

In this experiment, you can create your very own snow!



You will need:

- A tray
- 5 cups of baking soda
- One cup of white hair conditioner
- 1/3 cup of water

Method

1. Mix together 4 cups of baking soda with one cup of conditioner.
2. Mix them together until the conditioner is evenly distributed.
3. Once you can pick up the mixture to make a snowball, your snow is ready!

Make sure an adult helps you with experiments!