

# Science News

We have had another busy half term of fantastic science taking place at Elston Hall. Take a look below to see some of the super learning that your children have been completing.

## Science at Elston Hall!



Nursery have been exploring different toys. They have been looking at push and pull toys. The children tested pushing the cars down a ramp.



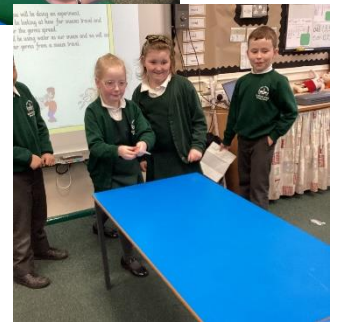
Reception children thoroughly enjoy their weekly wild tribe. They have recently taken part in the Big Garden Birdwatch and children made their very own bird feeders.



Year 1 have enjoyed learning about plants. They have planted their own beans and observed them grow over time.



Year 2 have been learning all about germs. They have been investigating whether covering our sneezes affects the distance the germs travel.



Year 3 have also been learning about plants. They have enjoyed dissecting a flowering plant and learning all about pollination.



Year 4 have been exploring states of matter, including setting up their own enquiries to investigate whether all types of chocolate melt at the same rate!



Year 5 have been investigating a range of life cycles. Children have compared life cycles of a reptile, amphibian and a mammal.



Year 6 investigated if the distance an object is from the light source affects the size of the shadow it creates.

## Elston News – Eco Ambassadors

Our Eco ambassadors have had another busy half term and have continued to raise the profile of why looking after our planet is important. They are doing an amazing job of promoting their class compost bins and reminding teachers to turn lights and interactive board off when they are not being used.

Keep your eyes peeled for future news and events from our Eco Ambassadors 😊

## Science Near You

### Women in Science Trail 11<sup>th</sup> Feb – 7<sup>th</sup> Apr Ages 7-12

Learn all about influential women in Science, Technology, Engineering and Maths!

**Where:** Thinktank, Birmingham.

### Winter Crafts: Den Building Workshop February 12<sup>th</sup> Ages 6-12

During this workshop, families will learn how to build an amazing den from natural materials from around the Botanical Gardens. You'll also get a chance to observe the dens of native wildlife who have made their home in the garden.

**Where:** Birmingham Botanical Gardens

## Science at Home

### Grow an avocado tree!

In this experiment, you can grow your very own mini avocado tree!



#### You will need:

- An avocado seed.
- Toothpicks
- Drinking glass or jar

#### Method

1. Wash your avocado pit. Be careful not to cut into it or break it.
2. After it dries, insert 3 – 4 toothpicks halfway up the side of the pit.
3. Place the pit into the drinking glass or jar. Make sure that the bottom third of the seed is submerged in water.
4. Keep the glass in a warm area and away from direct sunlight. Change the water regularly.

Make sure an adult helps you with experiments!

## Science career spotlight: Zoologist

Zoologists study animals and their behaviour. They may study a particular species or group of species, either in the wild or captivity.



## International Day of Women and Girls in Science: Super Scientist Maggie Aderin-Pocock

Dr Maggie is a space scientist, inventor and science educator. She has invented equipment for telescopes and satellites so that scientists can see far into space and understand more about climate change.

