

# Science News

## Science at Elston Hall!

### British Science Week

We celebrated British Science week at Elston Hall on the 11<sup>th</sup> March 2024. This year we had a focus on science through stories. Each year group chose their own story and learning was focused around this story. We loved seeing how engaged pupils were and the enthusiasm they showed towards their science learning. We have lots of fantastic scientists at Elston Hall.



Nursery have enjoyed the story 'Handa's Surprise'. They looked at different fruit within the story. They explored healthy eating and then made a delicious fruit smoothy.



Reception children had a fantastic science day! Their learning was focused around the story 'Tadpole's Promise'. They learnt about the life cycle of a butterfly and a frog. They also enjoyed testing whether an object sinks and floats.



Year 1 enjoyed the story 'The fox in the Dark'. They explored how shadows are formed and what happens to shadows when the distance of the light source changes. They also explored what happens when light hits different materials.



Year 2 have investigated the melting rates of different chocolates. They recorded results to see which chocolate was best for Willy Wonka's factory.



Year 3 looked at the story 'Charlie and the Chocolate Factory'. Children observed what happened to sweets when they are covered in hot and iced water. They also observed the melting rates of different chocolate.



Year 4 have also looked at 'Charlie and the Chocolate Factory'. They were inspired by Mrs Wonka's fizzy lifting drinks. Children created chemical reactions using solids and liquids to release Carob Dioxide!



Year 5 story was 'How the meteorite got to the museum'. Children loved investigating the best surface to transport the meteorite.

## Science Near You

### Our World from Space Busking Weekdays 25th March – 5<sup>th</sup> April

How do we look at our world from space? Using satellites of course! Come and see our team and check out the activities all designed to give you the chance to look at the world as satellites do.

In sessions 2.30-4.00pm, come and join the team in making your very own satellite, what job will yours be doing? You can put it on display in our gallery or take it home.

Science Busking takes place at weekdays from Monday 25th March to Friday 5th April 12noon - 1pm and 2.30pm - 4pm. Join us in Find Your Future Gallery on Level 2.

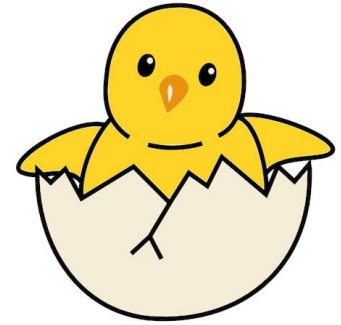
**Where:** Thinktank,  
Birmingham.

## Science at Home

### Frozen Chick Eggs Ice Excavation

You will need:

- Water balloons
- Mini chicks
- A large tray
- Warm water
- Food colouring
- Pipettes
- Childrens spoons



Method

1. Stretch a balloon to make it easier to blow up (stretch especially around the neck).
2. Blow the balloon up and stretch it again, then leave it for 30 seconds or so.
3. Pull open the neck of the balloon enough to squeeze the small chick inside. You may need another pair of hands doing this.
4. Once the chick is inside, fill the balloon with water and tie it up. If you would like coloured ice, add some food colouring to the water before adding it to the balloon.
5. Repeat the steps above with any other balloons you would like to use.
6. Put the balloons in the freezer and leave to freeze.
7. Once the water has frozen, take the balloons out of the freezer and peel off the balloon.
8. You will now have your egg shapes with little chicks inside.
9. Using warm water, tools and pipettes, children can melt the ice until they discover the little chicks inside

**Make sure an adult helps you with experiments!**

## Science Quiz!

1. What is a baby rabbit called?
2. Where are a rabbits eyes located? Sides, top or front of their head.
3. What is the record for the highest unprotected egg drop? 2.1m, 21m or 213m
4. What part of the Cocoa bean used to produce chocolate?

## Science career spotlight: Bee Keeper

Beekeepers raise and care for honeybees for agricultural and commercial purposes. and maintain beehives, inducting wild swarms, splitting colonies, collecting honey ar removing hive parasites and maintaining the health of the hive.

