Science News

EDWARD THE ELDER
Primary School

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 @edwardeldersch twitter handle. We would love to see them!

I look forward to seeing all of your amazing science!
Mrs Kilpatrick ☺ Science Lead
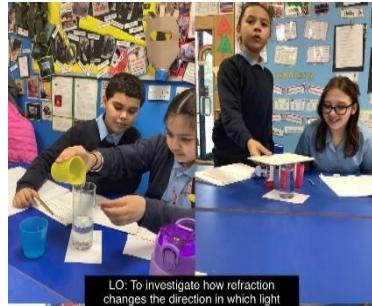
Science at Edward the Elder!

Year 1

As part of their science learning within dimensions year 1 investigated darkness. They found it tricky to write their names while blindfolded.

Reception

Spring has certainly sprung for Reception! We put on our wellies and went on a walk to look for signs of Spring, we saw lots of clues that Spring is here including nests, blossom, bees, ladybirds, buds and flowers.

Year 6

They have been deepening their understanding of light through a variety of experiments. They really enjoyed investigating how refraction changes the direction light travels in.

Year 2

As part of year 2's animals including humans, they explored germs through a glitter bug investigation. They absolutely loved this activity.

Year 4

Year 4 are currently looking at animals including humans and had the opportunity to work in pairs to group animals based on given characteristics.

Year 5

Y5 have been learning about the life cycle of different groups of animals during their Living Things and Their Habitats topic. They have compared the different development stages of a living thing and then discussed the similarities and differences.

Science Near You

Our World from Space Busking Weekdays 25th March – 5th 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. They building and maintain beehives, inducting wild swarms, splitting colonies, collecting honey and royal jelly, removing hive parasites and maintaining the health of the hive. They are also known as Apiarists.