

## Science Week Celebration 2022: Week beginning Monday 25<sup>th</sup> April 2022

This year's science week topic was titled "Growth". We started it all off on Friday 22<sup>nd</sup> April by celebrating Earth Day as there was a clear science week link between Growth and Earth Day.



The children enjoyed being outside and exploring our beautiful grounds in Forest School. The children thought about how they can continue to help the planet and they have made their own pledges by growing many different plants from seeds.



These are the different seeds that Iris planted. We thought it was interesting that they all looked so different.

We planted:  
Cherry Tomatoes  
Beetroot  
Marigold  
Sweetcorn  
Courgette  
China Asters

On the following Monday there was a whole school assembly for science week on the topic of growth. Children learnt how they themselves grow, how animals grow, and learnt how we can help the Earth to thrive and survive.



Early Years looked at how they have grown and have measured themselves using string and different equipment. The children have learnt how their bodies change and the new skills they develop as they grow older. Their focus was on the growth of themselves and also plants and trees. The children planted broad beans to be looked after.



Key Stage 1 – the focus here was on growth of the environment.



The children in both year groups learnt the names of many of the different jobs that scientists do. They discovered that scientists can come from a range of diverse backgrounds during a lesson on smashing stereotypes in science.

Year 1 have learnt about the work of David Attenborough who has been awarded the title 'The Champion of the Earth' by the UN. We taught the children ways to look after Earth and they identified the 5 ways they could help.

Year 2 have discussed the work of Maggie Aderin-Pocock, Stephen Hawking and Greta Thunberg. The children also did a lesson on pollution focusing on air pollution and how this can be improved around the school by measures such



as less idling from parent's cars parked near the school. In another lesson they also observed, identified and classified worms!

The bird man was invited to school. The children were taught about the natural world, birds of prey and the impact that human activity can have on the environment. It was an amazing experience that engaged the children and opened up the world of birds and how they live in our environment.



We had a visit from The Birdman. He showed us a Hawk, a Barn Owl and a Bald Eagle. We learnt facts about birds of prey, how they fly and their habitat.  
26.04.22



The focus of our week has been on how scientists how make a difference, how we can look after our world and in particular how we can help reduce air pollution. Children also worked together at home to produce their own poster about looking after the planet. We loved seeing the artwork and the very important messages on the posters.

To fit in as much science as possible the planning included lots of cross curricular links e.g. PSHE, geography and guided reading. Topic themed book boxes were ordered into school from the library and the children had plenty of opportunities to look at books related to this year's theme.

Science week was a great success and very relevant to the current action needed for climate change and how we can help our environment in such covered areas discussed in COP26.

Next year: As we celebrate togetherness, 'Connections' is an apt theme for British Science Week 2023.

Nearly all innovations in science, technology, engineering and maths are built on connections between people; two (or more) heads are better than one, after all! But as well as exploring the importance and joy in connections between individual scientists, research groups and institutions, you could discover the different ways connections appear across all areas of science.

'Connections' as a theme offers a huge range of topics for us to delve into as part of your British Science Week 2023 activities.

The connection between human actions and climate change could be a fantastic topic to explore to see what the children have remembered from this year. Have they made any changes?

The human body is another topic that offers a wealth of opportunities to think about connections. With many nurses and people who work in health/medicine, we could create a careers fair where parents are invited in to school to discuss how their job is related to science, technology, engineering and maths. This will also enhance our school knowledge of Science Cultural Capital.

We can find examples of connections within all subjects and all around us, making it an excellent starting point for a celebration of science in 2023!