



Hipsburn Primary School, Lesbury, ALNWICK, Northumberland. NE66 3PX
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Headteacher Mr Kevin Moloney

13.3.20

Science Week 2020

Dear Parents,

We will be holding a whole school Science Week from Monday 16th - Friday 20th March. The theme for this year is ***Our Diverse Planet***. The week will be filled with a range of STEM activities to promote the importance of science, technology, engineering and mathematics.

Our Diverse Planet

Each class will be focusing on a different continent and basing their science lessons around this, with opportunities for investigations that will enable children to explore current world issues such as renewable energy sources; flooding; and animal adaptation to an increasing human population. As an eco-school, it is important to us that children are not only made aware of these environmental issues, but that they can also begin to explore how we can all be involved in addressing them.

STEM visitors

To provide enrichment of STEM subjects, and to demonstrate their value in life and future careers, we have volunteers who will be coming in to deliver presentations and workshops with the whole school. We will learn about career opportunities within STEM, and take part in an outdoor workshop to explore the biodiversity of our school grounds.

Science at home

If you would like to participate in Science Week at home, why not try one these superstar challenges- just follow this link:

<https://primarylibrary.crestawards.org/all-superstar-challenges/61747644>.

Or alternatively there are some great ideas to support you with science at home here:

<https://www.rigb.org/families/experimental>.

We would love to see photos from however you choose to investigate science at home!

Poster competition

The British Science Association is running a poster competition, challenging children to investigate and imagine *Our Diverse Planet* and everything that makes it special. If your child would like to take part, here are some ideas for inspiration:

- Think about the biodiversity of your garden or our coastal area
- Consider the ways in which science impacts on our everyday lives
- How is Earth different from the other planets in our solar system?





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- Investigate how animals are adapting to climate change
 - Explore renewable energy sources and their impact
 - Investigate diversity in STEM careers

Entries should be in school by **Monday 23rd March**. Children can share them with their classes before they are sent off. The posters will be judged on the following criteria (with a category for Early Years, Year 1-3 and Year 4-6):

- Creativity in approach – Innovative angle on the content or creative interpretation of the theme
- Content – Clear, accurate and informative about STEM topic
- Effective communication – presented and communicated in an engaging way

As always, thank you for your continued support and we hope the children have a wonderful Science Week!

Kind regards,

Miss Gleghorn
Science Coordinator

