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Thursday 13th February 2025

Dear Grazebrook Families,

Re: British Science Week

This year, we will be celebrating **British Science Week at Grazebrook throughout March**. The theme of the week is '**Change and Adapt**'.

Changing and adapting plays a big part in science; you can find examples in every area of STEM. Cities, towns and other areas where people live change and adapt as the world's population grows. We need to change how we consume the world's resources to offset the worst effects of climate change and adapt our lifestyles to reduce our impact through recycling or reducing waste.

To celebrate science, the children will be asking and answering scientific questions through investigation and research. We will then hold a Science Fair on **Thursday 27th March**, which you will all be invited to. During the fair, children will showcase their knowledge of science through demonstrations and presentations.

There will be a sign up sheet in classrooms for children who wish to present a home learning project or investigation at home at the Science Fair. Please support your child over the holiday to think about the areas of science they are most passionate about and if they would like to share this knowledge at the Science Fair. The deadline for signing up is **Wednesday 12th March** with projects needing to be brought to school (**17th-21st March**).

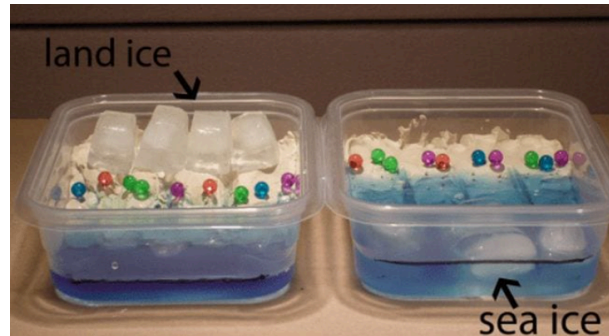
We are also inviting the children to enter into a **poster competition**. Children could create a poster showing how plants and animals adapt to changing seasons or surroundings, or how humans have adapted to changing technology. They could look at climate change and how we can adapt our behaviours to protect the environment, or their favourite science experiment and how it shows change. The more creative the interpretation of the theme, the better! The deadline for handing in posters is **Monday 31st March 2025**.

Here are some family Science Fair ideas :

The greenhouse effect science experiment



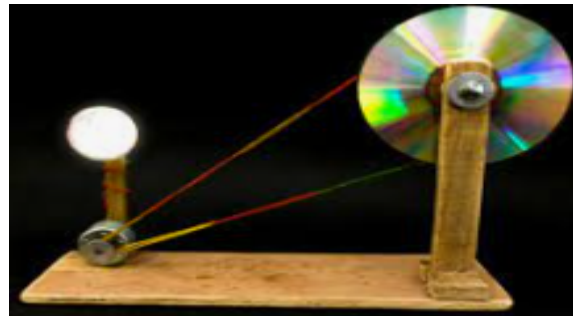
Melting polar ice caps and icebergs



Easy seed sprouting



Electric generator



All projects should be named and given a title that explains what they are demonstrating or what other children can learn from them. Children may also choose to include:

- A question that the project answers
- A hypothesis
- A list of materials
- An explanation of the experiment – what procedures were done to test the hypothesis?
- A presentation of findings
- Data analysis, which may incorporate charts or graphs

If you have any questions about British Science Week, please ask your child's teacher or one of the senior leaders. We can't wait to celebrate these exciting events with you!

Best wishes,

Marantha Cabey

Science Lead and ECO-Lead