

Dear parents/carers/children at Southbourne Junior School,

British Science Week is from 10th - 19th March. In school, we will be using the theme of 'Connections' to link science across many of our subjects.

At home, we would love it if children would take part in an invention challenge. This will involve the children creating something out of recycled materials that can support our local community or school, they can be as creative as you like! For example, an invention linked to beach cleaning like a new effective type of litter picker. The children can work on their own or in groups if they would like. More details for the children are below.

Please make sure their inventions are in school by Thursday 16th March so they can be entered into a 'Science Fair'. Parents/carers will be invited after school on Friday 17th March to walk through the 'Science Fair' and look at the inventions the children have created.

This link has some more information about science week and some great resources you can use at home if you or your child is interested: <https://www.britishscienceweek.org/>.

Kind regards,  
Miss Wadey

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#### British Science Week challenge:

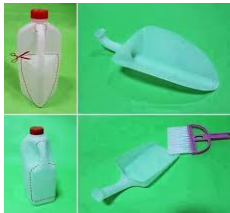
You are invited to take part in a British Science Week challenge.

Working on your own, or in pairs or threes, think up an invention that could support/benefit our local community or school.

You will be tasked with creating your invention out of recycled materials. For example, an invention linked to beach cleaning like a new effective type of litter picker. I would also like you to write a small paragraph about what your invention is and how it can support the local community or school.

Your invention will need to be school by Thursday 16th March.

#### Some examples:

<p>Tiny greenhouses for plants using bottles</p> 	<p>Litter picker made using bamboo sticks</p> 	<p>A cleaning set made of plastic milk bottles</p> 	<p>A toy for a younger child</p> 
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## Bonus competition:

### British science week poster competition

The theme this year is 'Connections', so there are loads of STEM topics that could be explored! Create a poster that explores this theme. How about exploring how our body parts are all connected and work together, the connection between our actions and the impact on our environment, or even how internet connection has changed the world.

#### Key rules:

- Entrants can be teams or individuals
  - teams will be judged in the age category of its oldest member
  - any prize awarded will be split across the team
- Each school/group can enter a maximum of five entries.
- Entries must be one page of A4 or A3 paper only.
- Work must be original and created by the student(s) – please do not use any templates.
- Posters must be uploaded with entrant details:
  - entrant first name (all names if a team) and entrant age (all ages if a team)

First names, ages and schools of students may also be shared on their website and social media pages – if you do not want this data to be shared online you should make this explicitly clear in your submission.

#### How will the posters be judged?

Here's what the judges will be looking for:

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

Members of the British Science Association will shortlist entries, and a panel of judges will select a winner in each category. The two runners up in each category will be uploaded to their Facebook page and the public will decide on a fifth 'popular vote' winner.

#### What are the prizes!

Depending on the age category, this year's competition will include:

- 3D information book
- AD magazines
- Animal adoption pack
- Art posters
- Buildable playsets
- Digital adventure picture book
- Eco bags
- Experiment book set
- Family ticket to the Brooklands Museum
- Space-themed prizes including a fun bookmark and door hanger, space-themed sweets, a set of glow-in-the-dark stars, and best of all – a pack of astronaut food!
- Sticker book or wallbook
- Vegetable books

If you would like to take part in this competition please hand these into the school office by Thursday 16th March. I will then be able to choose five and send them off. You **MUST** make sure your name and class is on the poster!