

6-15 March

# British Science Week 2020



# The theme for the 2020 activity packs is 'Our diverse planet'

We are pleased to announce that the theme for the British Science Week 2020 activity packs and poster competition is 'Our diverse planet.' Our packs contain lots of activities on this theme, with anything from biological diversity and social diversity, to the diversity of knowledge and STEM careers.

## Aims

- To get the children to be passionate about the ecosystems around the world.
- To get the children to be investigative.
- To enter the British science week poster competition

[https://www.youtube.com/watch?v=b6Ua\\_zWDH6U](https://www.youtube.com/watch?v=b6Ua_zWDH6U)

# Key events for the week-

Beginning of the week	Some time between 9 <sup>th</sup> -15 <sup>th</sup> March	Some time between 9 <sup>th</sup> -15 <sup>th</sup> March	Class assembly time	Phase assembly time
Introduce children to the idea of British Science Week and show video.	Science lesson to be based on theme.	Children to enter competition based on theme.	Pupil voice will look at STEM careers using presentation and questions related to different careers.	Assembly will be science themed.

## **Focus for each phase-**

- FS1 and FS2= investigate habitats with different plants, soils (dessert=sand and thick leaved plants, rainforest= soil and large leaved, waxy plants, sea= sand/coral, seaweed and salt water).
- Y1 and y2= investigate the different habitats around the world linked to weather and types of inhabitant.
- Y3 and 4= investigate the different adaptations of animals
- Y5 and 6 = investigate the effects of climate change on ecosystems and animal adaptions.

## Possible activities

- FS1/FS2- What's in the box activity from early years BSW pack.
- Y1 & Y2- Invertebrate hotel activity from primary BSW pack, matching activity animals with their habitats eg camel with desert, polar bear with arctic etc. Why do you think those animals live there?
- Y3 & 4- adaption of Antarctic animals eg penguins / camouflage BSW pack
- Y5 & Y6- Antarctic research station BSW (secondary pack) – look at adaptation of animals in Antarctic eg penguins, blubber investigation

Plan in phases or year groups – use British Science week resources/ideas to plan a lesson to replace science lesson for the week.



Our Diverse Planet

## Poster competition



### Research your poster

Investigate and imagine 'Our diverse planet' and everything that makes it special. Here are some topic ideas to get you started:

- ✓ Why not think about biodiversity? From the diversity in your own garden, to the diversity at the very bottom of the ocean, research all the amazing creatures and organisms that live on our planet.
- ✓ The diversity of science and STEM subjects. Have a think about all the diverse ways that science affects our lives and who you know that uses science every day. Is there science in baking and cooking? What about making a film or taking a picture? Or how about operating planes and cars? Remember that science is everywhere, you just have to look for it!
- ✓ Think about the other kinds of diversity our planet contains – from the variety of the molecules that make up essential parts of life, to the different ways our towns and cities are built, and the variation of people's tastes and interests.
- ✓ Our planet is unique, but why not investigate what makes it different from the other planets in our solar system?

### Make your poster

Once you've done your research, it's time to get creative! Your poster must be:

2D (flat) – if you make a model, you need to just send us a photo of it on A4 or A3 paper

You can use pop up pictures, pull out tabs or materials such as paint, drawing pencils, crayons and paper.

### Send us your poster

Posters will be judged on creativity, how well they fit the theme and how well the poster has been made or drawn.

Once the poster is complete, write your children's information on the back, fill in the online registration form, and then post your entry to us at:

**British Science Week Poster Competition,  
British Science Association,  
165 Queens Gate, London, SW7 5HD**

### Next steps

Celebrate! For more details, along with the full set of rules and tips for educators, check out our website [britishscienceweek.org/plan-your-activities/poster-competition](https://britishscienceweek.org/plan-your-activities/poster-competition)

## Key points/ expectations

- Science lesson will be British Science week focused and must take place **between 9<sup>th</sup>-13<sup>th</sup> March** to suit your timetable.
- Assembly will be normal time for your phase but Science themed.
- Children to enter poster competition based on British science week – only written work expectation. Any extra work welcomed (back of science book).
- Pupil voice will look at STEM careers using careers presentation.
- Lot's of enthusiasm about Science during the week please and photos!