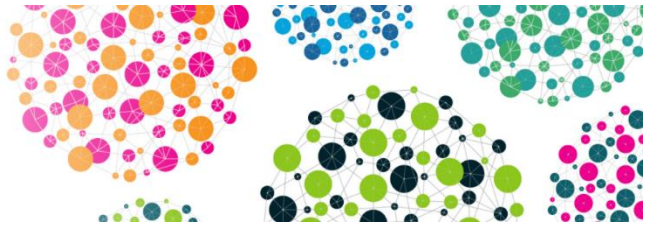




5-14 March  
British  
Science  
Week  
2021



## 14<sup>th</sup> – 18<sup>th</sup> March 2022

The theme for the British Science Week 2022 is **‘Growth’**.

A fitting theme for what has been a turbulent time for all of us, ‘Growth’ links with multiple areas across science, technology, engineering and maths. Whether you decide to explore plant growth in your window box or discuss the impacts of economic growth on our society, or even consider your own personal growth over the last twelve months, ‘Growth’ as a theme offers a huge range of topics to delve into as part of your British Science Week 2022 activities.

Population growth and urban development could be a fantastic topic to explore in the poster competition. Or how about the evolution of construction and engineering – have you seen how quickly a skyscraper can grow with modern building methods?

Human growth is another area that offers endless opportunities for investigation. Why not use the human life cycle as a brilliant topic for a school assembly, or create a poster which explores the building blocks of life?

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

### **Poster competition (running throughout the week)**

Get creative and enter the British Science Association’s annual poster competition. You can make your poster about whatever type of growth that you like, and enter our UK-wide competition with the chance to win an array of prizes. There are lots of activity ideas in the pack (emailed to all year leaders) that could potentially be used as inspiration for the posters.

Year	Theme	Event
N/R	Living Things	<b>Living Eggs</b> Arriving for Reception on 14 <sup>th</sup> March - see planning for this <b>Nursery</b> – doing some digging/planting with the children (resources ordered) See EYFS activity pack for other science based activities. <b>Caterpillars/Butterflies being sent 4<sup>th</sup> March</b>
1	Green Fingers/ Plants	<b>Fantastic minibeasts and where to find them live online Lesson</b> Tuesday 15 <sup>th</sup> March 11am ( <a href="https://encounteredu.com/live-lessons/nfu-science-farm-live-2022">https://encounteredu.com/live-lessons/nfu-science-farm-live-2022</a> ) <b>Birmingham Botanical gardens trip – 16<sup>th</sup> March</b>
2	Animals and habitats	<b>Fantastic minibeasts and where to find them live online Lesson</b> Tuesday 15 <sup>th</sup> March 11am ( <a href="https://encounteredu.com/live-lessons/nfu-science-farm-live-2022">https://encounteredu.com/live-lessons/nfu-science-farm-live-2022</a> ) <b>Caterpillars/Butterflies being sent 4<sup>th</sup> March</b> <b>Chester Zoo Virtual Tour</b> - <a href="https://www.chesterzoo.org/virtual-zoo-2/">https://www.chesterzoo.org/virtual-zoo-2/</a> <b>Live African Sunset safari</b> – 2pm on any day <a href="https://www.wildearth.tv/kids/">https://www.wildearth.tv/kids/</a>
3	Magnets/ Light	<b>Electromagnets workshop 16<sup>th</sup> March – 2 groups of 45 children 1:15-2:10 &amp; 2:10-3pm</b> <b>Make your own camera obscura</b> - <a href="https://www.youtube.com/watch?v=aHjk3in9wUU&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=4">https://www.youtube.com/watch?v=aHjk3in9wUU&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=4</a> <b>Hubble Space Telescope Exploring light</b> - <a href="https://www.nasa.gov/content/explore-light">https://www.nasa.gov/content/explore-light</a>
4	States of matter/ Sound	<b>Cauldron Chemistry Live Streaming Workshop – 5<sup>th</sup> April 2pm</b> <b>Density tower experiment</b> - <a href="https://www.youtube.com/watch?v=PblvpXezzm8&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=6">https://www.youtube.com/watch?v=PblvpXezzm8&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=6</a> <b>Making a junk modelling instrument</b> <b>Nasa From Space to Sound</b> - <a href="https://www.nasa.gov/content/explore-from-space-to-sound">https://www.nasa.gov/content/explore-from-space-to-sound</a> <b>Sound on Mars</b> <a href="https://mars.nasa.gov/mars2020/participate/sounds/">https://mars.nasa.gov/mars2020/participate/sounds/</a>
5	Forces	<b>Visitor talk on forces – Mr James</b> - Friday 18 <sup>th</sup> (the Hub) <b>Anti-gravity biscuit tin</b> - <a href="https://www.youtube.com/watch?v=8paEU39LJtg&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=10">https://www.youtube.com/watch?v=8paEU39LJtg&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=10</a> <b>Egg lander</b> - <a href="https://www.youtube.com/watch?v=bv4owOTPcO8&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=9">https://www.youtube.com/watch?v=bv4owOTPcO8&amp;list=PLzhrhYAHUDjCTSw9DvBH05ZTn95OjmMv5&amp;index=9</a>
6	Heart and Lungs/ Evolution	<b>Virtual Trip to Natural History Museum</b> <b>Visitor talk – Mr Barker (heart surgeon) – Tuesday 15<sup>th</sup></b> <b>Heart dissection workshop 16<sup>th</sup> March – 3 sessions (8:50-9:50, 9:50-10:50 &amp; 11:15-12:15)</b> <b>Make a working heart model</b> - <a href="https://www.youtube.com/watch?v=tqMBLWABMAE">https://www.youtube.com/watch?v=tqMBLWABMAE</a>

### Other Resources

There are a range of resources on the **W:drive/Subject Leadership/Science/Science week/Science Week 2022**

Engaging Science Resources

### Texts from KS2 Library

Science Things To Make and Do by Robert Winston

Do Try This At Home by Science Museum