

Science Newsletter

Lanesfield Primary School



British Science week:
Lanesfield celebrated British Science Week between 7th-16th March.

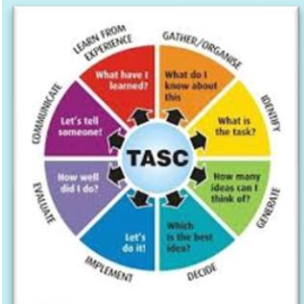
British Science Week:

Welcome to Lanesfield's first ever newsletter!



Every day is a voyage of discovery at Lanesfield but never more so than during British Science Week! British Science Week is super important because it's all about getting everyone, no matter their age or background, excited about science. It's also a huge opportunity to discover how cool science is and spark curiosity about our ever changing world and hopefully inspire some future scientist and inventors too! Throughout the week, staff, parents and children worked together to explore a variety of investigations all around this year's theme of 'Change and Adapt' and we would like to take this opportunity to thank all the parents who came to join in the fun with their children!

<https://www.britishscienceweek.org/the-theme-for-2025-is-change-and-adapt/>

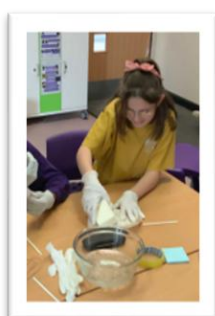


Read on to find out about science at Lanesfield!



British Science Week Key stage 1:

As part of Science Week we enjoyed lots of different science activities around the theme of "Change and Adapt." In Key stage 1, children conducted their own investigations to: explore the properties of mud and how animals use it; compare common features between humans and other animals and whether the volume of water affects the sound of a glass jar being tapped



British Science Week Key Stage 2:

During the week, KS2 discussed what the words 'change and adapt' meant and decided that when something changes it becomes different from or replaces what is was before. However, when something adapts it changes to become more suitable for a new use, situation or environment. Whether it's: why cat's eyes glow at night; how friction can slow down moving objects; how far sound can travel; how much mass a planet can sustain before crumbling; how arctic animals keep warm or how best to understand blockages of our arteries, animals and scientists have adapted their biology or understanding over time.

FREE SCIENCE RESOURCES TO CELEBRATE BRITISH SCIENCE WEEK AT HOME!

- Making Chromatography decorations by separating colours
- Testing forces with a bed of pins balloon experiment
- Experiencing chemical reactions with fizz pop bang edible powder
- Investigate static electricity while making your own oozing static slime
- Learn about acid-base indicators by making edible magic colour-changing icing
- Uncover secret messages with incredible invisible ink

[HTTPS://WWW.WHIZZPOPBANG.COM/BLOG/TAG/CHANGE-AND-ADAPT/?SRSLTID=AFMBOOGZ8HEWK4GAJUZHMGU2MGAQRQB4EPCN8VOD7A9LEXADQFDRHCQ](https://www.whizzpopbang.com/blog/tag/change-and-adapt/?srsltid=AFMBOOGZ8HEWK4GAJUZHMGU2MGAQRQB4EPCN8VOD7A9LEXADQFDRHCQ)

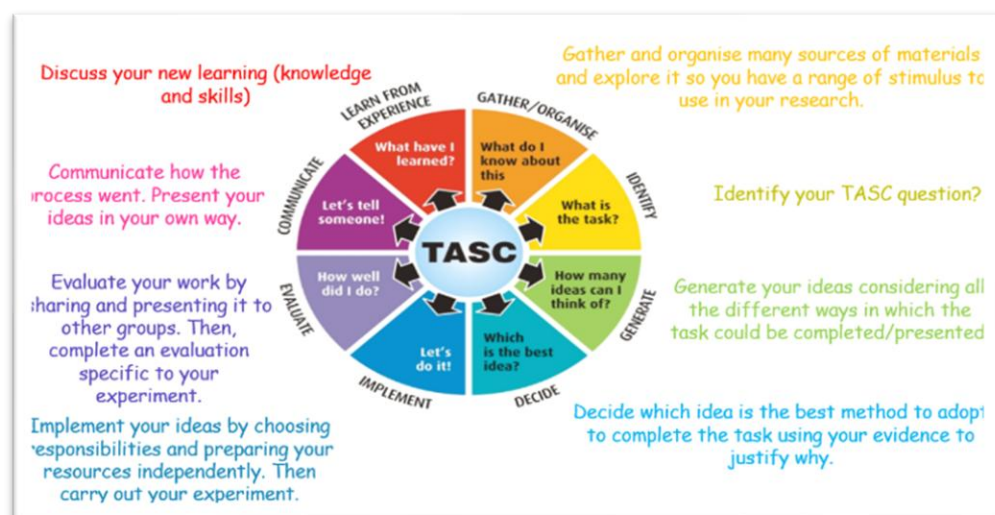
Science at Lanesfield:

Ever wondered why science in primary school is such a big deal? Well, it's not just about memorizing facts - it's about sparking your child's natural curiosity and helping them make sense of the world around them. Studies show that getting children involved in science early on can seriously boost their problem-solving skills and create a lifelong love for learning.



Think of it this way: a good science education is like building a super solid foundation for their future. It sets them up to tackle tougher subjects later on and opens doors to awesome careers in fields like science, tech, engineering, and maths. By championing science in primary schools, you're giving your child the tools they need to become the thinkers, creators, and problem-solvers of tomorrow!

To achieve this, we aim at developing children's collaborative skills by thinking actively in social context (TASC). During this time, children work together to research, plan, conduct and investigate a scientific concept. Like real scientists, they also use it to reflect and repeat experiments, reinforcing their resilience and scientific thought process.



Work in a STEM field? We would love to hear from you to help inspire our children to pursue science beyond the classroom so please get in touch!

SCIENCE AT HOME:

I'd love to hear about all the science you have been doing at home! Please upload photos/videos to your Showbie or come and find me in Orange class to let me know what you have been up to at home! Your work could make it onto our school socials or website! - Miss Roberts.