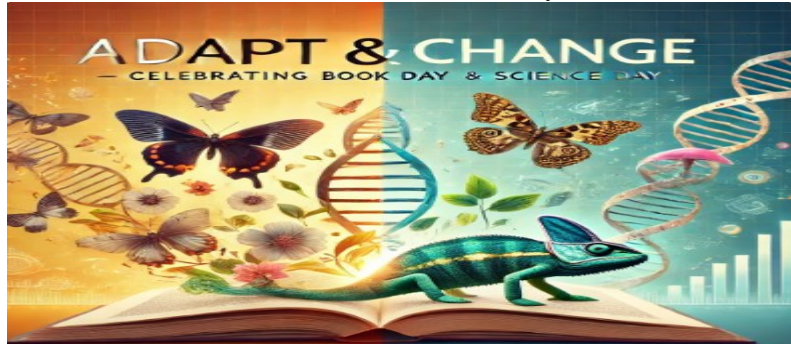




St John's Science Snippets

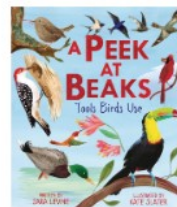
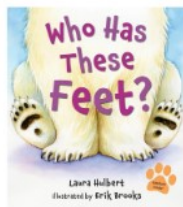
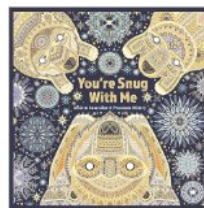
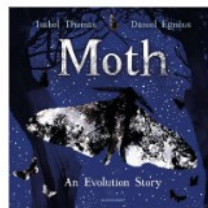
March Newsletter Issue 21 2025

Our first ever day to celebrate both National Book Day and British Science Week launched this year.



We had such a fabulous day packed full of exciting learning opportunities linked to this year's theme of "Adapt and Change".

We used wonderful books as stimuli for our scientific investigations and discoveries.



Early Years and Key Stage 1 children were able to begin each of their workshops with a lovely book.

They explored the answers to three questions. In Mrs Miles' classroom the children had to answer "Why do animals have different shaped feet?" in which they tested a variety and they got to design some new feet of their own. Mrs Higgs posed the question, "Why do birds have different shaped beaks?" in which children tested the effectiveness of different "beaks" in picking up "food" and discovered that beaks are definitely designed with a specific purpose.

Mrs Smit led a workshop answering "How do animals hide from predators?". In this lesson the children explored different types of camouflage and also mimicry as a way to evade predators.

Key stage 2 split into their house groups and they attended four workshops. Using 'Snug with Me', Miss Williams taught a lesson on the importance of painting a picture for the reader using descriptive devices. To show the children the effectiveness of their word choices, she generated images using AI. Boring, bland, non-descriptive sentences did not generate a very good image at all! Across the corridor, using Moth as a stimulus, each house group collaborated in creating the most spectacular poetry.

Science workshops for Key Stage 2 were based on these two books. Here the children learnt about natural selection and changes in Peppered Moths and about the many adaptations polar bears have. In both workshops children deepened their understanding of the impact humans can have on the environment.



St John's Science Snippets

Here are a few photographs from the day for you to enjoy



Food webs



Blubber insulation



Beak investigations



Data logging

BRITISH SCIENCE WEEK POSTER COMPETITION

We are delighted to announce the winners of the British Science Week 2025 poster competition. We were so impressed with the creativity shown in each poster and all entries are displayed in the corridor for everyone to see. Each entry has been awarded a special science certificate. Our Year 6 Science Ambassadors were tasked with “blind-judging” the posters and selecting the winners. This was a tough job! They finally selected the following winners whose entries have been sent off for further judging:

Charlie (Year 1) Polar bears and Climate Change

Josh (Year 4) Adaptations of Arctic Foxes

Primrose (Year 6) Changes in States of Matter





St John's Science Snippets

Time for some Easter Science fun!

Looking for something to do over the Easter break?

Reptile handling Session @ Reuthes Lost Gardens of Sevenoaks

5th and 6th April 10-4pm

Ssssnake Your way to our Reptile Adventure!...

More information : <https://reuthes.com/tc-events/reptile-handling-session-5-04/>

Stick Man Forest Adventure at Bedgebury National Pinetum and Forest, Goudhurst, TN17 2SJ

A new interactive family trail. The trail will follow Stick Man on his journey as he tries to get home to the family tree. You'll be able to take part in lots of fun stick-based activities, discover tree-mendous facts and learn about forest wildlife along the way. There will be a Stick Man trail pack to buy before you start to help you complete all the trail activities.

Spring into Easter at Kent Life Maidstone, ME14 3AU

Sat 5-Sun 20 April

More information : <https://kentlife.org.uk/event/spring-into-easter/>

Celebrate Easter and the baby boom that comes with Spring! Meet new arrivals in the farmyard and see lamb bottle feeding demonstrations throughout the day!

Looking for some more Easter science fun? Take a look on the next page.



St John's Science Snippets

Time for some Easter Science fun!

Bouncy Egg challenge

<https://www.science-sparks.com/wp-content/uploads/2020/07/Bouncy-eggs-instructions-pdf.pdf>



CrashTest Eggs challenge

<https://www.science-sparks.com/wp-content/uploads/2021/02/Crash-Test-Eggs-Instructions.pdf>



Always ask an adult first!

Egg Zip Line challenge

<https://www.science-sparks.com/wp-content/uploads/2022/03/Egg-Zip-Line-Instructions-A4.pdf>



Zoom In....



What could this be?

Coming Up.....

STEM QUEST CHALLENGE #2
For after the May bank holiday

I'm always excited to hear about free educational trips for children and love to see what science the children have been doing. Please share with me.

Mrs Casewell