



# SCIENCE NEWS @ LADY B'S

**Welcome back** to Science News @ Lady Boswell's! Across the School, a huge amount of Science has taken place and we are excited to share what we have learnt.

## SCIENCE AMBASSADOR

### Science Ambassadors

After a record breaking number of applicants, one child per Class was selected to take on the role of Science ambassador for this academic year. Their duties have been Class-based and will become whole-School this term, ahead of STEM week.

**Congratulations go to the following pupils who were selected:**

- Year 1: Hughie and Wilfie
- Year 2: Tommy and Sienna
- Year 3: Rosie and Henry
- Year 4: Zac and Gabi
- Year 5: Noah and Millie
- Year 6: Eleanor and Annabel

### STEM Week 2026! 09.03.26!

**Watch out for information about trips, workshops and experiments!**

### STEM Club

This year, our Year 3 and 4 students have eagerly taken part in a Monday STEM Club.

They have explored fascinating scientific concepts such as water resistance, diffusion, and air pressure, as well as testing their engineering skills by constructing towers.

Their ability to investigate and answer their own scientific questions has been truly impressive, sparking a sense of curiosity amongst staff as well as the children!



"STEM club is such fun! We get to try so many new things and explore our own questions"

### Science Selfies — Investigation Edition!

This year's Science Selfie embraces the theme of 'Investigations', inviting children to explore anything that sparks their curiosity. A heartfelt thank you to all the families at home whose encouragement and involvement helps make these inspiring learning experiences possible.

Don't forget there will be a prize at the end of the year for our favourite Science Selfie!

### SCIENCE SELFIE



**INVESTIGATION EDITION**

### Coming up!

- \* STEM Week - 9th March! \* Whole School Engineering afternoon \*
- \* Year 2 and 4 Royal Institute Community Show \* Year 3 Liquid Nitrogen Show \*
- \* Physics and coding workshops \*

## Highlights from the Classrooms



### EYFS Self Portraits

In Year R the children are constantly observing the world around them. In a cross-curricular project, the children looked at how they are all unique before creating their own self-portraits.

### Year 3 Magnet

#### Mazes

To deepen their understanding of magnetic strength, Year 3 pupils designed and built their own magnet mazes. They explored their ideas creatively, choosing their own magnets, maze materials, and patterns for a partner to navigate.



### Year 4 Digestion

After studying the digestive system, Year 4 brought their learning to life with a hands-on activity where they re-enacted the journey of a banana sandwich. The experience left the children both fascinated and slightly revolted in equal measure!

### Year 5 Mechanical Systems

Across the School, pupils benefit from cross-curricular learning opportunities, as demonstrated in this Year 5 DT project. Each child was encouraged to be individual, designing and constructing their own mechanical system.



Have feedback about Science or a burning question? Don't forget you can speak to your Science Ambassador.



## Science At Home!

### Can you grow seeds in salt?

In Spring, plants pop up everywhere. Grow your own! What conditions do plants grow best in?



Most humans like salt - especially on chips - but do plants?

#### What you need:

- Plastic or paper cups
- Cotton wool and cling film
- 10 bean seeds
- Salt

#### What to do:

1. Cover the bottom of both cups with cotton wool.
2. Sprinkle some salt over the bottom of one cup. Label the cup with an "S" so you remember which cup has salt in it.
3. Place five bean seeds in each cup, water the cotton wool lightly and cover with cling film.
4. Place the cups in a sunny place - a windowsill
5. After five days you should see the seeds start to grow.

Which seeds start to sprout first?  
How tall do the plants get?

ALWAYS ask an adult to help you!



## What's on?

### Spring Activity Trail

7th March - 19th April  
(Sevenoaks Wildlife Reserve)  
Free—booking not required.



**Kent**  
Wildlife Trust

Pond Dipping 28th March 2-3.30pm (Sevenoaks Wildlife Reserve) A great family event, one hour pond dipping sessions to find and catch a variety of pond life before identifying what you have found! Booking essential (£16) as places are limited.

[Family Event: Pond Dipping at Sevenoaks Wildlife Reserve | Kent Wildlife Trust](#)

### Making Sparks Fly

2nd March 7-8pm (St Johns Hill URC Sevenoaks - Church Sanctuary)

A science show presented by Albert and Elizabeth. It will be packed with live demonstrations of all the ways we can think of to make electric sparks - the bigger, the better! Free.

