



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 learned.

SCIENCE AMBASSADOR

Science Ambassadors

After a record breaking number of applicants, one child per class has been selected to take on the role of Science ambassador. They have already had their first meeting and shared their enthusiasm for improving opportunities for Scientific learning throughout the School.

Congratulations go to the following pupils who were selected:

- Year 1: **Cecelia and Elsie**
- Year 2: **James and Sebastian**
- Year 3: **Robyn and Jamie**
- Year 4: **Phoebe and Julia**
- Year 5: **Emily and Jack**
- Year 6: **Abigail and Scarlett**

STEM Week 2024! 26.02 to 01.03

Think you can help? Let Miss Crawley know.

STEM Club

In an exhilarating term of STEM adventures, our Year 3 students took the spotlight in STEM club.

They dedicated every Monday lunchtime to uncovering the wonderful world around them and handling scientific equipment with finesse.

From launching rockets to crafting personal firework displays, constructing towers, and unravelling the mysteries of DNA, their teamwork and mastery of scientific equipment were truly impressive.

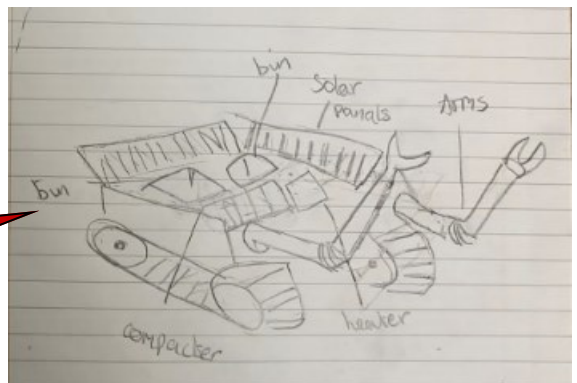


Year 4, get ready for your chance to attend STEM club next term!

Science Selfies — into the future!

This year's Science selfies take on the challenge of looking into the future. Teachers and children have been wowed by each other's ingenuity, eagerly asking questions and sharing their work with pride. Thank you to all those at home who support our children.

A special shout out to Annie from Year 4 for her 'Little Litter Picker'. For more information, take a look at the Science display in KS2.



Created something Scientific? Why not show Miss Crawley to get your work featured on the Science display for everyone to see?

Highlights from the Classrooms

Year R Legendary Light

To understand the world around them, Year R have been investigating if anything can travel faster than light. Minds were well and truly blown when they discovered how quickly light travels and how it travels in a straight line.

Year 2 Egg Drop

Having studied the properties of every day materials, Year 2 investigated the enquiry question, "Which material will protect an egg when dropped from 1 metre?" Every child enthusiastically engaged and even a storm didn't thwart their efforts.



Year 4 Factory of the future

In order to fully immerse the children in science beyond the classroom, Year 4 participated in a county wide design workshop exploring eco-friendly ways to build a factory, achieving net 0. The students even had the chance to ask a 'real life engineer' questions!



Year 5 and 6 CAD

If you were to peek into the computing suite at lunch time, you would see small groups of Year 5 and 6 students beavering away designing their own robots! With the help of Sevenoaks School, these children will have their designs printed and entered into a battle. Stay tuned to see the end results.



Work in a STEM field? We would love to hear from you to inspire our children to pursue Science beyond the classroom.



Science at home!

Crystal Candy Canes! [Crystal Candy Canes - YouTube](#)

Turn chemistry into a Christmas tree ornament when you learn about solutions, mixtures and growing crystals. These look beautiful hanging on the tree and are sturdy enough to last the whole festive season.

Equipment

- Borax (found in the laundry detergent aisle)
- Water
- Pipe cleaners (red, green and white)
- Ribbon (to make into an ornament)
- Mason jars

Method

1. Twist your pipe cleaners together to make a candy cane shape and hang it inside your mason jar.
2. Boil water, add borax and stir until it has completely dissolved. Pour this into a jar.
3. Wait patiently. In a few hours you will see crystals beginning to grow. By the next morning, your candy cane will be covered!



ALWAYS ask an adult to help you!

Giving this a go? Miss Crawley would love to see what happened!

Science in the area RSPB



The annual 'Big Garden Birdwatch' has been running since 1979. This year it will be back on the **26th to 28th January**. All you have to do is register in mid December and count the birds you see in your garden, from your balcony or in your local park for one hour at the weekend!

I'd love to hear about all the science you have been doing at home! Bring in photos and come and find me in my classroom to let me know what you have been up to. Your work could make it onto our Science display or even earn you a certificate!
Miss Crawley