

SCIENCE NEWS @ LADY B'S

Welcome to the first ever Lady Boswell's science newsletter!

In each newsletter, we will share important science news from throughout the school; some examples of the children's science; publish dates of science based events that may be of interest and share some science activities that will hopefully inspire you to do more science at home too!

We hope to publish a newsletter 3 times a year!

We have launched a number of science blogs on the school website

[Lady Boswell's Science News](#) — Information and photographs of scientific learning the children have been doing in school and some of the wonderful science opportunities the children have been involved in.

[Science Club Blog](#) — You can see all the exciting science activities we have been doing in Science Club every week.

[Science Week Blog](#) - An outline of the activities the children participate in during our annual science week.

Science at home!

CANDY CANE SCIENCE

At Christmas, don't just eat them, use them for your science experiments too! Do you think they will dissolve if you put them in water? Will they dissolve at different rates if you change the water temperature or the liquid you put them in?

Equipment:

- Cups or jars
- Ice, water and boiling water
- Other clear liquids (e.g. vinegar, lemonade)
- Candy canes

ALWAYS ask an adult to help you!

Method:

- 1) Fill jars with different liquids (use the ice and boiling water to vary the temperatures too!)
- 2) Break up the candy canes and put them in the different jars.
- 3) Observe what happens over the next hour.

Tips for Christmas science fun:

- **Talk about what you and your child think will happen. (After the experiment talk about how close your guesses were to what actually happened.)**

Science Ambassadors

This year, eight KS2 children were chosen to be Lady Boswell's Science Ambassadors! This is a new role this year and involves lots of responsibilities such as, helping at science club, running science competitions, helping lead assemblies and helping Miss Johnson to improve and maximise opportunities for scientific learning within our school.

Congratulations to our 2017-18 Science Ambassadors, who all submitted outstanding applications:

Year 3: Erin F and Charlotte E

Year 4: Evie M and Esme M

Year 5: Theo C and Ben S

Year 6: Tilly S and Leo McF

Remember, science club for year 2 will begin in January (Term 3)!



What's on?

Annual Science Poster Competition

Get creative and enter the British Science Association's annual poster competition, on the theme of 'exploration and discovery'.

You can make a poster about anything involving 'exploration and discovery'. We will enter the five best poster entries from Lady Boswell's into the UK-wide competition, allowing the pupils the chance to win an array of prizes.

Please hand your poster to Miss Johnson by 1st March 2017.

Generation Beyond Competition!

Pupils are encouraged to stretch their imagination and STEM skills to show how they would design a habitation model for Orion's mission to Mars. This is the perfect competition challenge for those of you that are interested in space or becoming astronauts when you grow up! Read the video challenge overview, rules and FAQ's at <https://www.generationbeyonddin.school.co.uk/challenge>

Hurry, as entries must be submitted by 15th December 2017!



ALWAYS
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to help you!

Science Christmas Camp for Children (aged 4-11)

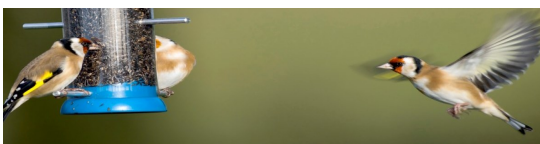
Knole House, Sevenoaks.

A fun, hands on week of science based demos, experiments and group activities.

For more information visit <https://www.richereducation.co.uk/science-christmas-camp-sevenoaks/>

RSPB Big Garden Birdwatch

Take part in the world's largest garden wildlife survey. Spend just one hour watching and recording the birds in your garden or local green space, then send your results to the RSPB. For more information and to register visit www.rspb.org.uk/birdwatch



Science Selfie

A number of you have now had the opportunity to take your class 'science selfie' book home. All of the teachers at school have thoroughly enjoyed reading about all the science you have spotted in your selfies!

I look forward to reading through them all!



Remember, at the end of term 3, there will be a science prize for one KS1 entry and one KS2 entry! Keep the excellent scientific selfies coming! You're always welcome to come and show me (Miss Johnson) your entry in Silver Birch's classroom.

Science Week

The dates of our annual science week have been confirmed.

15th-19th January 2018

We hope that you're looking forward to all the wonderful science activities we have in store!



Year 3 enjoying
their rocks and
fossils
workshop!

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.

Miss Johnson