



SCIENCE NEWS @ LADY B's

Welcome back to Science News @ Lady Boswell's. We have all been extremely busy with our science learning at school and have lots of news to share with you!

Science Week 2018

In January, the whole of Lady Boswell's embarked on an incredibly fun and busy Science Week 2018! Birds of prey flew over the heads of pupils in the hall; pupils experienced the importance of robotics and landing sites for space missions; gardening beds were weeded and prepped ready to plant crops in the summer term and an impressive range of hands-on investigations were conducted throughout the week! The children loved writing all the new vocabulary they learned on their 'lab coats' and it was fabulous to see so many famous scientists appear in school at the end of the week!



Colin Stuart

Colin Stuart, the author of books about space, came and talked to the pupils about how space impacts their everyday lives. The children were able to realise how space is involved in aspects such as time, weather and even food and energy!

Fishkeeper Fry 2018

During Term 4 we were lucky enough to be part of the 2018 Fishkeeper Fry project! All the pupils enjoyed learning about how to set up and maintain a tropical aquarium as well as finding out about all the fish species that we have in our very own tank! Thank you to last term's year 2 science club who carried out the necessary water checks and maintenance tasks each week to keep them safe. Do feel free to come and visit the fish in the science area (KS2 corridor) during open classroom times; the children have been very excited about the arrival of some baby platys!



School Pond

We are pleased to announce that our school pond has now been completely cleared! We are slowly watching a range of wildlife return to the pond and we can't wait to start using it as a learning resource again in Term 6!

STEAM shows

All the pupils were lucky enough to attend some of Sevenoaks School's annual STEAM shows! These were hugely inspiring and exposed the children to science that is applicable to their own lives. Examples included the science of fireworks, sport and music! Titan the robot also put on a fascinating show!



Science Ambassadors Quiz

The science ambassadors are currently busy creating a KS1 and KS2 science quiz which will be being displayed in the science area (KS2 corridor).

The science ambassadors will be announcing in assembly when the competition opens - make sure you keep an eye out and submit your answer sheets for the chance to win a spectacular science prize!

For more science news, make sure to keep checking out science blogs on the school website:
(School Life > Science).

What's on?

Discover Pond Dipping

Fri 1st June 2018—11am-3pm (Sevenoaks Wildlife Reserve)

This is a great family event; one hour pond dipping sessions to find and catch a variety of pond life, then view them through a microscope and identify what you have found!

Booking essential as places are limited:

<http://www.kentwildlifetrust.org.uk/events/>

Roar-some Dino Trail

3rd April - 24th June. New this year, Bluewater Shopping Centre is inviting you to embark on an adventure with the arrival of the **Dinosaur Trail**. Kids will come face to face with roar-some dinosaurs in and around the mall, whilst discovering interesting facts along the way. You can pick up a trail map from the concierge desk outside M&S on the lower mall and once all the dinosaurs have been found, they'll receive a pre-historic prize!



Competition time! THE GREAT BUG HUNT 2018!

The Great Bug Hunt 2018 competition gives pupils the chance to explore and find out more about living things and their habitats! All they have to do is **identify a local habitat, explore and discover the minibeasts that live there, draw them and record their findings!**

For ideas you can see examples of some last year's winners at:

www.ase.org.uk/news/ase-news/the-great-bug-hunt-begins/

Please hand in your competition entries to the school office by Friday 8th June so that Miss Johnson can send off all our school entries before the competition closes.



Remember, science club for year 3 will begin in May (Term 5)!



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

ALWAYS ask an adult to help you!

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? If you want to experiment further, try varying the salt levels or the types of seeds. Do some plants grow better in salty conditions than others?

Science Selfies!

All the teachers have been amazed at the quality of the science selfie submissions throughout the school. The pupils have been extremely creative, spotting science in a huge range of different selfies! Well done if you have already completed your science selfie. If you haven't, remember that there will be a KS1 and KS2 prize at the end of the year for our favourite science selfie!



ALWAYS ask an adult to help you!

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