

# SPECTACULAR SCIENCE

## Welcome to Ightham Primary's first ever 'Spectacular Science' Newsletter.

In each newsletter, we will share important science news from throughout the school; 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 'Spectacular Science' newsletter twice a year!**

**Science Club Blog**— You can see all the exciting science activities we have been doing in Science Club

### Coming soon...

Science blogs on our school website to share science news and information from across the school.

each week.

**Science Week Blog** - An outline of the activities the children participate in during our annual science week.

**This year's Science Week took place from 11th-15th March 2019 and was extremely successful. Make sure to check out the Science Week Blog to see some of the exciting activities that the children completed.**

**We'd like to say a huge thank you to the PSA who funded the week and have also provided substantial funding towards much-needed science resources for the school.**

## Science Ambassadors

This year, ten children have been chosen to be Ightham'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 Mrs Johnson/Mrs Ball to improve and maximise opportunities for scientific learning within our school.

**Congratulations to our 2018-19 Science Ambassadors, who all submitted outstanding applications:**

**Year 2: Freddie and Esme**

**Year 3: Honor and Jamie**

**Year 4: Luca and Lydia**

**Year 5: Nilah and Cameron C**

**Year 6: Luca and Ruby**

**Remember to come and speak to one of the 'Science Ambassadors', or Mrs Johnson/Mrs Ball, if you have any ideas as to how we can make science even better at our school!**

## Science at home!

# SUMMER IS COMING...

Summer brings sun (hopefully), strawberries, flowers, water slides, sunbathing and ice lollies! Here's a fun way to use and recycle your ice lolly sticks for a catapulting science investigation!

### Equipment:

- Ice lolly sticks
- Elastic bands
- Plastic teaspoon
- Range of small summer fruits (e.g. grapes, blueberries, raspberries, raisins, gooseberries etc..)
- Tape measure

**ALWAYS** ask an adult to help you!



### Method:

1) Use the ice lolly sticks, elastic bands and plastic teaspoon to construct a catapult (see photo above or clear instructions can be found on the following webpage > <https://www.muminthemadhouse.com/make-lolly-popsicle-stick-catapult/>)

2) Place a piece of fruit on the spoon and test your catapult—does the fruit fly? How far?

### Time to investigate!

**Which fruit is catapulted the furthest? Why?**

**What happens if you increase the number of lolly sticks and make the angle of the catapult steeper?**

**Try changing the number of elastic bands. Does it make a difference?**

Remember, science club for KS1 will begin after Easter (Term 5)!



## What's on?

### What a Hoot!

27th May 2019 11am-2pm

Jeffery Harrison Visitor Centre, Sevenoaks

A chance to have a wonderful day out at the reserve with your family and learn a lot about **birds, owls and the surrounding wildlife**. There will be guided walks of the reserve looking for birds throughout the event. Plus bird based crafts such as making bird feeders and making feather bird sculptures fun for both adults and children.

Then at **1pm the Kent Owl Academy will host an outdoor display of a range of their birds of prey and owls** with a detailed talk to help you learn about these wondrous animals.

<https://www.kentwildlifetrust.org.uk/events/2019>

[05-27-what-hoot](#)



### Family Gardening Festival

25th May-2nd June 2019

RHS Wisley, Surrey

The whole family can get hands-on this May half-term with garden activities and crafts at RHS Garden Wisley's fun-packed Family Gardening Festival.

Be sure to explore the music maze, a musical playground of instruments made from recycled materials, and look out for interactive stands from the RSPB, Surrey Bees, the National Vegetable Society and Hedgehog Preservation. There are also a number of interactive shows/workshops running throughout the week that you can see on the website:



### WONDERLAB: The Equinor

National Science Museum, London

Open daily

With over 50 mind-blowing exhibits, shows and demonstrations to enjoy, *Wonderlab* is an experience unlike any other.

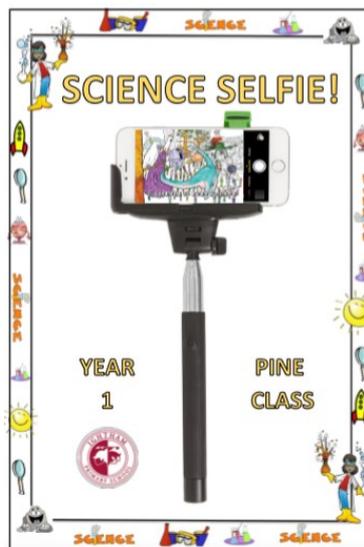
Spread across seven different zones, there's loads of opportunity to get hands on with real scientific phenomena. Take part in live experiments at our Chemistry Bar, see lightning strike before your eyes, play with forces on giant slides or travel through space under a canopy of stars.

There are also a number of 20 min shows that you can book onto: <https://www.sciencemuseum.org.uk/see-and-do/wonderlab-equinor-gallery>



## Science Selfie

A number of children have now had the opportunity to take their new class 'science selfie' books home. All of the teachers at school are thoroughly enjoying hearing about all the science you have spotted in your selfies!



At the end of term 6 there will be a science prize for our favourite science selfie from each class! Keep the excellent scientific selfies coming! You're always welcome to come and show us (Mrs Johnson/Mrs Ball) your entry in our classrooms.

Thanks to the PSA, we have been able to subscribe to the science magazine 'Whizz Pop Bang!'

This enables each class to have a new magazine each month in their reading corner



We had a wonderful time in Year 2 learning to swim and having lots of cuddles!



We'd love to hear about all the science you have been doing at home! Bring in photos and come and find us in our classrooms to let us know what you have been up to!