

Bessemer Grange Primary School

www.bessemergrange.southwark.sch.uk

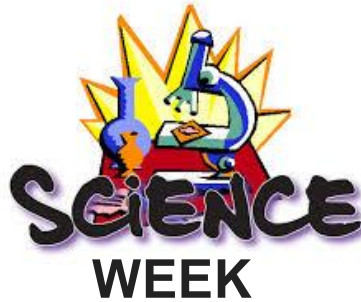
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Headteacher: Ms Sarah Beard

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Monday 26th February 2018

The week beginning **19th March** will be Science Week. The theme for this year's British Science Week is **exploration and discovery**, encouraging children to think about everyday discoveries and how they affect their lives by exploring science in the world all around us. Over the week your child will be taking part in some exciting science lessons, workshops and challenges.



Workshops The 'Mad Scientists' will be coming to school to carry out hands on workshops and assemblies with each class. Check them out here: <http://www.madscience.org/>

Science Fair On **Thursday 22nd March** between **3:30pm** and **4:15pm** we will be holding a school science fair where you will be able to come in and see what your child has been learning about in science. Please come and see what we have been up to!

Home Challenge 1 You are invited to take part in our **Make a Minibeast** competition by researching and making your own minibeast. Please see below for some creative ideas. Send your minibeast to school by Thursday 22nd March. **The winning minibeast will be judged on Thursday and prizes will be given out in assembly.**



Home Challenge 2 You can also take part in our poster competition by following the instructions below. Send your poster to school by Thursday 22nd March. **The winning posters will be judged on Thursday and prizes will be given out in assembly. The winning posters will also be entered into the British Science Association's national competition.**

- Research your poster. Investigate and imagine all the amazing exploration and discovery that takes place around the world. Here are some topic ideas to get you started: What sort of discoveries have you made? Research famous explorers e.g. Captain James Cook, Gertrude Bell, David Livingstone. Think about what discoveries might be made in the future, what else do people explore?
- Make your poster once you've conducted your research; it's time to get creative! You can use pop-up pictures, pull-out tabs or use materials such as paint, drawing pencils, crayons and paper.

Whole School Challenge Your child will be competing with other classes to design and make a 'Bug Hotel' for the Nature Garden. The winning classes will win a prize in assembly.



Dates for the diary:

Monday 19th March - Science Week begins.

Monday 19th and Tuesday 20th March – Mad Scientists visit Bessemer

Thursday 22rd March – deadline to bring in your home challenges. Science Fair – **3:30pm to 4:15pm** in the Top Hall.

Science Week: experiments at home...

Wizards brew

You will need: Containers, vinegar, food colouring, glitter, washing-up liquid, bicarbonate of soda.

How to do it: Add all the ingredients together and watch the results!

Zooming Balloons

You will need: String, plastic straws, two fixed points (chairs), balloons, tape, bulldog clip.

How to do it: Thread the straw onto the string and secure the string between two fixed points. Blow up the balloon and close the end with the clip. Tape the balloon to the straw and remove the clip. Watch the balloon zoom along!

Nice Ice!

You will need: Ice cubes, table salt, large bowl, spoon, glass, orange juice.

How to do it: Fill a glass $\frac{3}{4}$ full with your juice, and place in centre of the bowl. Pack ice cubes evenly around the glass. Sprinkle salt into the ice cubes, stir juice every 10 minutes. Watch the results.

Rockets

You will need: Film canisters, stomach seltzer, bi-carbonate of soda, water.

How to do it: Crumble a little of the stomach-seltzer into the canister, add the water to the top of the canister, put the lid on and stand back. The time this experiment takes depends on the ratios of ingredients; so you must be patient and stand well back until the reaction has taken place.

Bouncing Raisins

You will need: Fizzy lemonade, raisins, tall containers, food colouring.

How to do it: Combine ingredients and watch the raisins bounce up and down. Watch until the raisins become too saturated and too heavy for the bubbles to carry them to the surface.

Flubber / Goo

You will need: Cornflour, PVA glue, food colouring, water, tray, spoon.

How to do it: Mix water, food colouring and PVA in the tray. Next, mix warm water and cornflour. Then combine altogether and watch the mixture transform.

Fish Bowl Spinners

You will need: Card and colouring pencils, tape, string.

How to do it: Draw a fish on one side of a circular piece of card and a bowl on the other. Hang the card using string and spin. The fish appears to be in the bowl, as an optical illusion!

Enjoy Science Week!
Emily Bull
Science Coordinator



Augmented Reality Minibeasts

Download the latest version of the FREE AugmentifyIt® app on your tablet/device. Open the AugmentifyIt® app and point the device at the spider or the ant on this page, filling the device screen with the image. Now see your minibeast come to life!

