



Science Newsletter 2019



Dear Parents and Carers,

I am extremely excited to inform you that we will be celebrating British Science Week on **Monday 25th March.**

The day will be dedicated to celebrating Science as a subject and children will be able to take part in a wide range of experiments and investigations.

Science Fancy Dress Competition!

During the day, we will be asking all children to dress up in a 'scientific' costume. This could include a famous scientist (Isaac Newton, Albert Einstein, Tim Peake), a specific type of scientist, (a marine biologist, an astronaut, zoologist) or even an outfit which represents areas children have been learning about in lessons (a flower, the solar system, a thermometer!) There are endless ideas which remove the stereotype that to be a scientist you

Experiment with Science at home!

There are many ways you can help to support your child's Science understanding as well as developing their curiosity in the subject at home. Whilst the ideas are split into individual year groups, feel free to complete any or all of the ideas listed below!

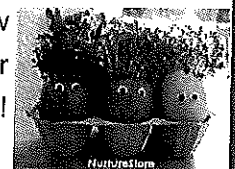
Year 1



Science is all around us... even in the park! There may be a park or gardens near you which you can visit over the year to see the changes to the trees and flowers throughout the different seasons. Why not create your own seasonal tree drawing using things you have collected from your visit! Alternatively, a visit to a farm or nature park would provide plenty of opportunities for discussing a wide variety of the animal kingdom.

Year 2

Get your green fingers ready! Growing plants and flowers at home can be an exciting - if slow - process for children to take part in. Why not try some quick-growing seeds such as cress or mustard, as well as something more substantial such as sunflowers or even vegetables! Watch them grow and observe what all plants need in order to survive.



Spring has sprung! It is the perfect time to witness some of the changes in the growth cycle of animals. For example, tadpoles in a pond or lambing season at the local farm.

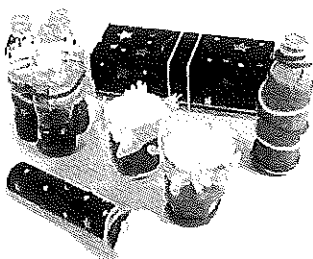
Year 3



Many families have a magnet of some form in their home - even if it is a fridge magnet! Why not carry out your own scientific enquiry with your child by testing different household items to see if they are magnetic. Group the objects into magnetic and non-magnetic items and see if you can conclude what magnetic items are made from.

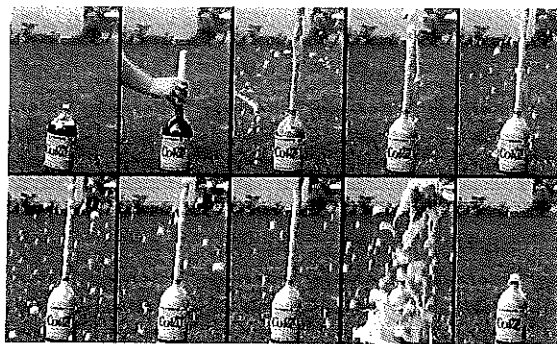
Year 4

In Year 4 children one of the scientific objectives is sound. Why not experiment at making your own musical instruments at home. It could be as simple as stretching elastic bands over a box, seeds or grains in a sealed container or even a simple drum made from a saucepan. Warning: you may need earplugs!



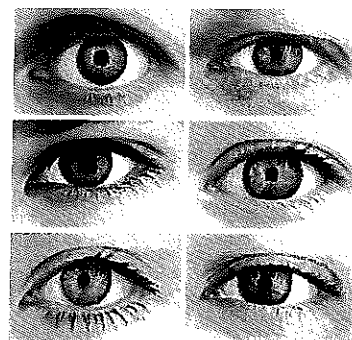
Year 5

Plenty of exciting home experiments await when looking at reversible and irreversible changes. Try searching online for the 'vinegar bomb' experiment or the now-famous 'Coke and Mentos' experiment.



Year 6

Conversations about evolution and inheritance often lead to interesting discussions at home. Some traits which are inherited are not always passed on, such as hair or eye colour. Interestingly, you can also compare whether members of your family have attached or detached earlobes, or whether they can roll their tongues!



If your child completes any of the experiments / tasks mentioned, please feel free to send them into school: we love receiving your photos!

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Finally, keep an eye out for updates including photos from Science day on the school website.

Best wishes

Miss Thomas (Science Lead)

