

# LAUNDE SCIENCE NEWSLETTER

## Class Spotlight – Year 2

This month Year 2 have been investigating different types of materials to explore their properties and the uses that the materials are put to. The materials they looked at were wood, plastic, metal, paper and fabric.

They learnt lots of new scientific vocabulary to help them describe these materials. For example, wood is opaque, rigid, strong and smooth whereas glass is transparent, shiny and fragile.

### Make a cola volcano!

This is a classic experiment that only need a bottle of Diet Coke and about half a packet of Mentos.

- 1) Find somewhere with lots of space and where it won't matter if it gets messy – outside on a piece of grass would be perfect!
- 2) Empty the packet of Mentos into the bottle of Diet Coke, and quickly run away!
- 3) Watch as the diet cola comes flying out of the bottle just like a volcano! The record is a splash that went 9 metres high!

This reaction is caused by the Diet Coke containing carbon dioxide (which makes it fizzy). By dropping the Mentos into the drink, more and more bubbles are formed. As there's so much more gas in the bottle, the liquid is forced out of the top when there is no room left, which creates such a dramatic splash.



## Science around school

Here is a brief summary of what our year groups have been learning about this month:

Foundation have been exploring the world around them.

Year 1 and Year 2 are continuing to learn about different materials and investigating their uses.

Year 3 have been learning about rocks, their uses and their properties.

Year 4 have started learning about sound.

Year 5 are learning about the effects forces have on the world around us.

Year 6 have finished off their topic learning about the digestive system and are moving on to learning about light.

## Science Selfies

We'd love to see children and parents from our school having a go at science at home. If you've had a go at the lava experiment, or any other science activity, take a 'selfie' by your experiment and send it in to school! If you do *not* want this photo to be featured in a future newsletter or on the school website, just add a note on the back to let us know. Please send your selfie in before March 31<sup>st</sup>!