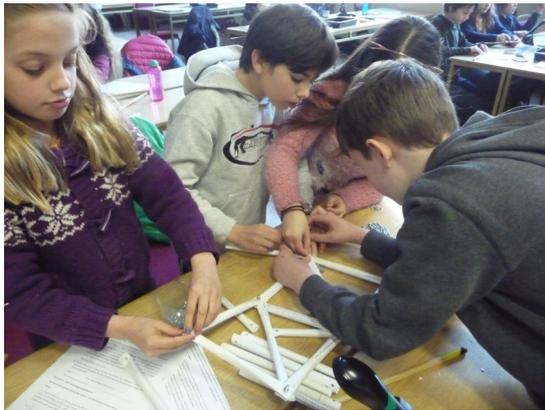


## Newsletter Week 29

Spring 2018

Thank you to Mrs Kamanyire for organising some inspiring science events as part of the larger celebration of British Science Week. A huge thank you also to all of our volunteers who came in to share their expertise and enthuse our next generation of scientist with lots of practical activities. From stem cell research to chromatography -It really helps bring science to life.

Nikki Brown



This week both Year 5 classes took part in the Primary Rocket Launchpad at the University of Cambridge Department of Engineering. The children worked in teams of 4 or 5 to create structures from roller paper that would support the weight of our rocket launcher. After we had constructed our platforms we created aerodynamic rockets capable of firing up to 30 metres into the air. Finally, after all our hard work, it was time to launch our own rockets.



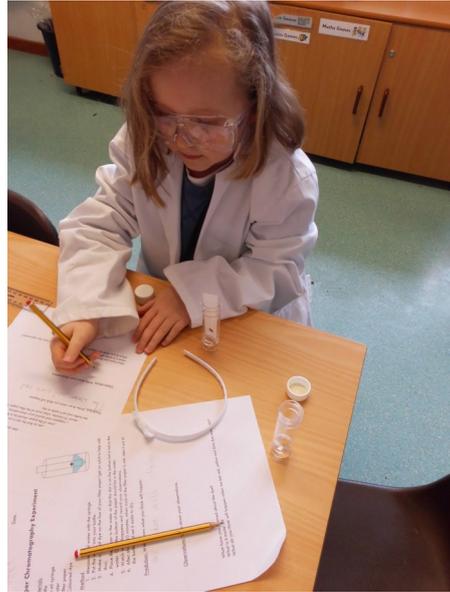
### Science Competition Winners Visit Mundipharma

28 children in Year 5 and 6 had a very exciting Monday at Mundipharma in Milton. We filled our own capsules using micro-spatulas (with paint powder and flour!), weighed them to see whether they were within the correct mass parameters and then dissolved them using a machine designed to simulate the conditions of the stomach. We used stethoscopes to measure heart rate, designed our own medicine packaging, and played giant operation, all the while looking very glamorous in lab coats and hair nets!



## Cool Chromatography in Y2

It's not often that we have a Doctor from the Medical Research Council in school to provide children with the opportunity to learn about the basics of separation and chromatography! This is what Year Two children were treated to on Monday, when Dr Lori Passmore and team came in to run a workshop in Year Two as part of Science Week. Children made predictions, carried out careful observations and talked about what happened and why, developing their understanding of the scientific process and having fun at the same time! A huge thank you to Dr Lori and team who led the workshop and inspired children in their learning about science.



## **Sports Relief**

As part of Sports Relief, our year 5 sport leaders were busy selling our special wristbands during lunch times and managed to sell all 90 in just two days! As well as this fantastic fundraising, they have led some fun sporting activities to help the rest of the school get active during lunch times at the end of the week.

Well done everyone!



This class have been working hard this week to understand how to find fractions of amounts and how to multiply fractions by an integer. In English we have been bringing the ‘March on Washington for Jobs and Equality’ to life through vivid and expressive diary entries – trying our best to understand the struggles of the African American communities of the 1960’s. We have used team-work and creativity to engineer stable structures, capable of holding immense weight. This class then applied these skills to creating rockets that flew up to 30 metres into the sky. Even though this class had two trips in two days and had to walk the entire way there and back they never complained and set a brilliant example in terms of behaviour both inside and outside of school. Class of the week this week is...Indigo!

### Pyjama Dress Up Day

Thursday 28th March A lot of us are feeling rather weary as we come to the end of term. In recognition of this we are holding a come to school in your pyjamas day on the last day of term (Thursday 28th March) so there is no need to get dressed in the morning! Please bring in a £1 and the money raised will be added to the playground project.

Dates for the Diary:

Well done to the following children who have impressed their teachers this week:

**Lilac:** Polly Patrick Orla  
**Topaz:** Rosie  
**Turquoise:** Rupert  
**Jade:** Elspeth  
**Scarlet:** Emily Faith  
**Burgundy:** Rosie  
**Ruby:** Juliet  
**Amethyst:** Laura Bruno  
**Indigo:** Iris Orla Amaliya Vinayak  
 Tomas Anjali  
**Violet:** Claude Angela

25 <sup>th</sup> March	Clocks go forward
<b>28<sup>th</sup> March</b>	<b>Pyjama dress up day</b>
29 <sup>th</sup> March	Last day of term
30 <sup>th</sup> March – 15 <sup>th</sup> April	Easter Holidays
19 <sup>th</sup> April	Van Cols Class and Team Photos
14 <sup>th</sup> May	Y6 SATS Week
18 <sup>th</sup> – 21 <sup>st</sup> May	Y6 Residential
28 <sup>th</sup> May – 3 <sup>rd</sup> June	Half Term
<b>15<sup>th</sup> June</b>	<b>Bags 2 School</b>