



## Gifted and Talented Science Club

Welcome to our monthly Science newsletter.

Children at St Chad's love Science and we want to share our wonderful experiences with you! This month's edition focuses on our Gifted and Talented Science Club at St John Wall School, which was a lot of fun!

The children that took part were nominated by their teachers: Y3: Debon and Ircile. Y4: Emile and Kristian. Y5: Esey and Kreesha. Y6: Reuben and Helen.

We took part in 5 sessions last term.

The first session was based on electrical circuits. We learnt that electric waves take the shortest route possible around a circuit



The second session was exciting because it was based on chemical reactions of metals where we saw how metals create different colours when they have been cleansed in acid and then heated. We also learnt that this could help to make fireworks!



The third session consisted of two experiments: how to fit an egg into a conical flask and chromatography. Chromatography is basically what police use to solve crimes! By being able to locate ink from a certain pen. At the end, we set our hands on fire! But don't worry, we used water and bubbles to protect our hands.





Gifted and  
Talented  
Science  
Club

Our fourth session consisted of 4 activities: making bangers, finding out the PH of everyday materials, the Van der Graaf Generator and the art of displacement. We had a competition on who could catch the most paper plates on the Van der Graaf Generator! It was really funny!



In our fifth and final session we discovered how much fun Physics is!. We created our own balloon powered rockets and tested Newton's law of motion We tested our designs on a piece of string. Kristian won in first place followed up by Esey who came second! Helen and Reuben came third, they had a great idea of working together!



Anyway, we had a great time and in the end we got certificates and chocolate! Thank you to Mrs Chadfield, the Head of Science who led the sessions and Mrs Farrelly and Mr Clifton for taking us there!



Don't miss next month's edition about STEM Ambassadors and how we won £500!

Editors: Reuben, Helen and Esey