



Subject:
Ogden
Trust

April always reminds us of Easter eggs and Tyrell, Esey, Bliss, Sandra and Kreesha had a smashing time where they used breaking eggs to identify forces! We took a scintillating trip to Bishop Challoner School in Kings Heath

where we worked with Dr Jenny Watson from the Physics Factory at King Edwards



Here are Esey and Tyrell pushing a box lid to indicate balanced forces. The lid didn't move because balanced forces were acting on it. All this rests on Newton's Law of Motion



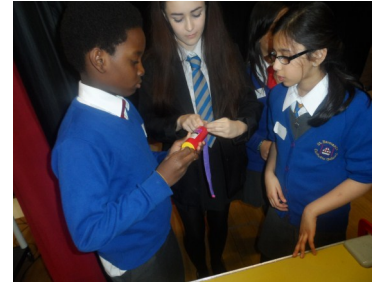
We also tried making balanced forces so a balloon wouldn't go up or down using plasticine to oppose the up thrust of the balloon





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Tyrell enjoyed making a rocket balloon and preparing it for take off. We were testing which materials were best for the rocket to travel on. We worked out the speed by using the formula: $Speed = \frac{Distance}{Time}$.



The hoverboard was great fun! We felt we were at Hogwarts! Esey is hovering because the air escapes downward so it creates up thrust. This also happens because there is low friction on the surface.



Many thanks to Miss Clarke at Bishop Challoner for organising the event.

We are so lucky to be part of the Ogden Trust as they paid for the coach to attend the Big Bang Fair at the NEC.



Year 4 had a wonderful time, alongside many other schools.

Here is Kristian, participating in an experiment on bacteria and carefully examining the digital results.

Next months edition is all about Year 5's visit to the STEM fair at Birmingham's Science Park at Aston University!

Editors: Esey and Tyrell