



# CATALYST

## Dilkes Academy

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### Dress As A Scientist Day – Wednesday 12<sup>th</sup> March 2025

12<sup>th</sup> February 2025

Dear parent/carer,

On Wednesday 12<sup>th</sup> March 2025, we will be celebrating science across our school and encourage pupils to come dressed as a scientist for the day (non-uniform). This could be as simple as a white top/shirt with a crazy hairstyle.

As part of our science celebrations, we will be running two competitions in the weeks leading up to the day.

1) **Build a marble run.**

We challenge your children to build a device, no higher than 1 metre tall, which keeps a solid glass marble in continuous motion for the longest time possible before it reaches the floor.

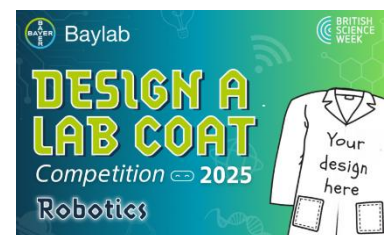
Entries will be judged on the length of time that the rolling marble takes to reach the ground and the elegance and innovation of the design. Things to remember: Marble size must be **13-16mm diameter**. There must be continual motion- your marble may pause at any time up to 1 second during its transit but no longer.

The deadline for entries will be Friday 7<sup>th</sup> March 2025, with winners being announced in school on Science Day. If there are enough entries, we will put on a marble showcase in the hall at the end of the day on the 12<sup>th</sup>.

There are lots of great ideas and inspiration online, and some helpful videos can also be found if you follow this link: [stem.org.uk/sites/default/files/pages/downloads/Worksheet-forces-marble-runs-ks2.pdf](https://stem.org.uk/sites/default/files/pages/downloads/Worksheet-forces-marble-runs-ks2.pdf)

2) **Baylab 'lab coat design' competition**

The theme for British Science week is Robotics. To participate in this competition, students need to design the front and back cover around the theme of 'Robotics.' Lab coats will be printed off and can be collected from teachers. Designs need to be completed and handed back to teachers before Science Day, Wednesday 12<sup>th</sup> March



**What can you win?** A set of lab coats for your school, a free Baylab coding workshop in house at Bayer HQ in Reading or at school and individual student prizes for winners and runners up.



More information about the competition, including previous designs and winners can be found on their website. We have had some runners up in this competition before so it would be great to see some winners from our school this year.

[Baylab Lab Coat Competition 2025 | Bayer United Kingdom](#)

We're all looking forward to an exciting day!

Yours sincerely,



Mr R Latham  
Headteacher

