

6 December 2023

Dear parents/carers,

Re: The Ogden Trust

We are excited to share with you the upcoming project that your child/children will be working on, as part of our commitment to fostering curiosity and a love for science. Starting from Monday, 4th December 2023, years 7 and 8 will be immersed in a captivating exploration of the theme "Flight" for the Acklam Academy Science Fair.

During their science lessons, students will choose groups of four, engaging in collaborative efforts to produce projects that will be showcased at the Acklam Academy Science Fair on Tuesday 23 January 2024. To further enhance their projects, we are pleased to announce the introduction of a Science Fair enrichment club on Wednesdays, providing students with valuable time to add those finishing touches to their displays and assemble their projects.

The key components of the projects will include:

- Hypothesis: A simple statement that can be tested.
- Equipment List
- Diagram
- Scientific Theory: An explanation of the scientific principles behind the project.
- Variables: Identification of independent, dependent, and control variables.
- Results Table/Graph
- Conclusion: A reflection on whether the results corroborated the hypothesis.

We encourage you to engage in conversations with your child/children about the theme of flight.

Here are some examples to spark their imagination:

- You work for NASA, tasked with landing a buggy on Mars without damage - the last remaining one!
- In the face of a volcanic eruption, design an aircraft to evacuate as many people as possible.
- Investigate airborne pollutants by creating a device that can gather data as it falls through a cloud.



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The creativity and innovation displayed on the projects are not only encouraged but celebrated. We invite students to let their imagination take flight and design display boards that reflect their unique ideas.

We are looking forward to witnessing the creative and wonderful ideas that emerge from this project. Thank you for your continued support, and we can't wait to share the excitement of the Acklam Academy Science Fair with you.

Best regards,

Miss K Hubbard
Science Teacher