

Urmston Grammar School

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Tuesday 06/06/2023

Dear parents and carers of year 8 pupils

We are delighted to offer an exciting opportunity for your child to take part in a Faraday Engineering Challenge Day **"Make it to Mars"** here at school on Tuesday 20 June 2023 from 11:10am until 3:15pm. The aim of the day is to give pupils a taste of the exciting, problem solving and multi-disciplinary nature of engineering. Pupils will make a rocket model, assemble and programme a rocket carrier to transport the rocket to the launch site and finally launch the rocket using compressed air.

Pupils will be given guidance and materials to carry out the challenge.

The timing of the school day will remain the same. Pupils should wear school uniform, bring equipment for period 1 and 2 and make their usual arrangements for lunch. Pupils will not attend lessons from 11:10am but will complete the Challenge in laboratory S1. We encourage female pupils to take part because women are presently under-represented in the field of engineering despite offering highly paid, flexible and interesting jobs.

If you would like your child to attend, then print off and complete the reply slip below and it should be handed into the main science prep room (between labs S7 and S8). Only paper reply slips returned to the prep room will be accepted. Paper copies of this letter will be available in the prep room. Pupils should indicate if they wish to be on a team on the reply slip otherwise, they will be allocated to a team. Places are limited so the final list of participants will be put on the noticeboard outside the main prep room on Wednesday 14 June. Thank you so much for your support.

Mrs B. Motiwala
Physics department

YEAR 8 FARADAY CHALLENGE Tuesday June 2023. Hand in to main science prep room only by Tuesday 13 June 2023.

I give permission for my child (NAME) _____ Form _____ to attend the Faraday Engineering challenge day.

Signed Parent/guardian _____ Name _____

Team name (agree this with your team members) (if applicable) _____

Urmston Grammar School - Headteacher: Mrs R S Wall
pride, participation, empathy