Striving together for excellence and enjoyment

Wednesday 14th January 2026

Dear Parents/Carers,

We are pleased to let you know that children in Falcons and Owls have been invited to take part in an exciting home-learning science competition: The Ultimate STEM Challenge 2025/26.

During school, children have already taken part in an introductory session explaining the competition. They are now invited to create and complete their competition entries at home.

This year's challenge, Our RoboRevolution, asks pupils aged 9–14 to design a robot that solves a real-life problem, either from today or the future.

What is the Ultimate STEM Challenge?
The Ultimate STEM Challenge has been designed to help young people bring their STEM knowledge and skills to the fore while developing creativity, problem-solving and other essential future skills. The challenge is:

- Topical, relevant and accessible to young people
- Designed to develop STEM and future skills
- Focused on how scientific and technical innovations can drive positive change

How to take part:

- Children design a robot that solves a real-world problem of today or the future
- Entries can be completed individually or as part of a small team (up to 4 children)
- Complete the entry form which is attached to this letter.

Children are also welcome to attend Home Learning Club in Kestrels on Friday lunchtimes if they would like time and support to work on their entries in school.

Important dates:

- All completed entries must be returned to school by **Wednesday 29th April 2026**
- Entries will then be submitted to the competition by the school

There are some exciting prizes available, including a school visit from The National Robotarium and iPads for category winners.

More information can be found here: https://energisingfutures.co.uk/ultimate-stem-challenge-2025-26-our-roborevolution

We hope many children will enjoy taking part in this inspiring STEM opportunity. Thank you for your continued support.

Kind regards,

Miss McDonald
Science Subject Leader

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