



Ready, Respectful, Resilient

Headteacher: Mrs T Price BA (Hons) MA Ed

22 Apr. 26

Dear Parent / Carers,

We are pleased to inform you that your child has been specially selected to take part in the Higher Horizons Rollercoaster Challenge, an exciting STEM competition for Year 8 students. Selection for this opportunity is based on students' strong Design and Technology and ICT skills, as well as their confidence and ability in presenting.

The project will take place over two days:

- **Day 1: Wednesday 22nd April 2026** – in school. Students will explore the science behind how rollercoasters work and use specialist software to design and build a realistic virtual rollercoaster.
- **Day 2: A visit to Keele University on Tuesday 12th May 2026**, where students will present their work to judges, take part in a physics workshop and attend a campus tour.

Students are to bring a packed lunch; however, they may also wish to bring a small amount of money to use in the campus shop.

Full school uniform to be worn.

There is **no cost** to parents /carers as the trip is fully funded by the school and Higher Horizons.

This is a valuable opportunity for students to develop their creativity and understanding of physics, engineering and computing.

Please tick the consent box listed on Arbor under: Rollercoaster Challenge.

If you have any questions, please do not hesitate to contact us.

Yours Faithfully

Louise Perkin
Year 8 Progress Leader