

First Edition  
EDT



ABINGDON  
SCIENCE  
PARTNERSHIP

13 October 2017

Dear Parent/Guardian,

### STEM Family Challenge

The EDT (Engineering Development Trust) are running a STEM Family Challenge event at Abingdon School on Tuesday 7 November from 6pm to 8pm. Visit this web page for more information [www.etrust.org.uk/first-edition/first-editions-stem-family-challenge-events](http://www.etrust.org.uk/first-edition/first-editions-stem-family-challenge-events)

Year 9 students and family members are invited to take part in a fun and unique event which has been designed to raise awareness and show families of all abilities, some of the courses and careers available in Science, Technology, Engineering and Maths (STEM). As well as giving them the opportunity to work in teams with their families on an exciting 'hands on' activity, where they will have the chance to win a trophy.

Please arrive from 5:45pm onwards for refreshments and to be ready to start promptly at 6pm. The event will take place in rooms G101 and G102 (not in the Science Centre) which can be accessed via the Park Road entrance OX14 1DE.

The family teams will be made up of one student and one adult (parent/ guardian/ family friend/ teacher). Initially, six team places will be available to students and parents from Larkmead, Fitzharrys, John Mason, St.Helen's and Abingdon Schools. No prior knowledge of STEM is required!

#### The Challenge – 'Roller Coaster Run'

Families build a model roller coaster track, investigating gravitational and kinetic energy.

The aim is to keep the marble running as long as possible – to do so you need to engineer the best track in this deceptively difficult challenge!



*'I found it inspiring and it was also fun'... 'My daughter could have a career in engineering'... 'From taking part today we have learnt that STEM is involved in many aspects of our lives and that there are many career options involving STEM.'*

**If you are interested in taking part in the STEM Family Challenge, please complete this online form and we will confirm your place as soon as possible:**

[ASP EDT Family STEM Challenge](http://www.etrust.org.uk/first-edition/first-editions-stem-family-challenge-events) (or search for [bit.ly/ASPedt](http://bit.ly/ASPedt))

EDT is an independent registered charity delivering over 40,000 STEM experiences each year, for young people age 9 - 21 across the UK [www.etrust.org.uk](http://www.etrust.org.uk). These programmes are designed to enthuse and motivate young people and encourage them to fulfil their potential.

Yours sincerely,

Jeremy Thomas, Abingdon Science Partnership Co-ordinator 01235 849151