

It's all About **STEM**

Y9 MATHS ROADSHOW

The maths department were delighted to welcome members of the Liverpool Mathematics Society Outreach Team recently to facilitate a workshop for our Year 9 students.

The Fun Maths Roadshow has been designed to engage students with mathematical problem and puzzle solving.

Working in pairs or small teams, students were asked to apply their mathematical knowledge to previously unseen puzzles and challenges and over the period of an hour, were tasked to complete as many of these as possible.

The puzzles gave them an opportunity to exercise their logical thinking, apply number and reasoning skills and to collaborate efficiently within a team.

Students engaged positively with the opportunity to discuss the problems they were faced with and showed their competitive sides, striving to complete as many of the puzzles made available to them in the time frame!

ENGINEERING YOUR FUTURE



Year 12 students visit 'Engineering Your Future' event at the Halliwell Jones stadium in Warrington. The group of students visited the Warrington stadium on Thursday 21st November where they attended a number of sessions led by professional engineers to find out about engineering career paths, what their jobs involve and how they ended up in their current roles.

Organised by All About STEM, the event is an annual showcase of what it means to become an engineer and to embark on a career in the engineering sector. During the day, students also took part in a series of workshops where they were tasked with finding solutions to problems such as building and costing flood defences, designing a bridge and building the electric circuit for a drone to direct it safely on its flight path.

The event also allowed the students to meet and network with employers and representative from various training organisations and professional bodies including the Institute of Mechanical Engineers and the Institute of Physics.

LIVERPOOL MATHS CLUB

Is your son and daughter a passionate mathematician who loves to challenge themselves with learning new concepts? The University of Liverpool Maths Club is aimed at school and college students, from Year 10 up to Year 13, who are keen to experience challenging and enriching mathematics from beyond the school curriculum, and meet others with a similar interest. Maths Club meets monthly on Saturday mornings. Membership is by application. See for further details: <http://www.maths.liv.ac.uk/~mathsclub/>