



# Maths Challenge 2010

Wednesday 7th July 2010, 8.30 a.m. - 3.00 p.m.  
at Muntham House School, Barns Green, Horsham

## Aim:

The purpose of this event is to help excite the students about maths and it's place in the wider world not just in the classroom. Local business volunteers are invited to bring along their high performance and exotic cars on which many of the activities will be based. We also need business volunteers to work with the students on a variety of mathematical challenges relating to the cars.



## Challenges will include:

**Garage** - students will measure the cars and then use scale drawings to work out how many cars they fit into the garage.

**Running a Car** - students will look at MPG, servicing, insurance and car tax costs of the cars and work out the running costs.

**Pimp My Ride** - students will pick a car to custom and plan their customisation within a set budget.

**Boot Challenge** - a capacity challenge for the students. They will look at the storage capacity of the cars and then see how much stuff can they fit in to boot of a Yaris.

**Time Trials** - remote controlled cars or pedal cars racing around a track and timed. Results will be put onto a spreadsheet and graph.

**Speed** - students will race down the driveway in pedal cars. Results will be recorded on a 'Lap Times' board.

**If you would like to volunteer please contact Madeleine Mills of the West Sussex Education Business Partnership. All volunteers will receive a telephone briefing prior to the event.**

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**West Sussex Education Business Partnership  
'Business and Education Working Together'**

Please note: Muntham House School, the Education Business Partnership and West Sussex County Council can accept no responsibility or liability for damage to cars during this event. Cars are left at owners own risk.

