

AUTUMN UPDATE FROM YOUNG ENGINEERS

We hope you all have had a good start to the school year. For those of you who haven't yet had the chance to look at www.youngeng.org this year, here is what Young Engineers have lined up for 2009/10.

STEM Challenge Days (age 7-16, England only) Young Engineers can now come to you! We now have a dedicated STEM Challenge fieldworker who has adapted some of our challenges and activities to create exciting learning experiences that we can bring to your school. <http://www.youngeng.org/index.asp?page=1260>

Junior Engineer for Britain K'Nex Challenge (age 7-11) Starting from November this challenge provides primary school children with an introduction to the exciting world of engineering by challenging them to build a design solution out of the testing K'Nex construction system. STEM Ambassadors come and run the challenge in school and select winners to go and compete at the next level. <http://www.youngeng.org/index.asp?page=166>

Airbus Project Eggs Factor Chasm Crossing and Cliff Climb (age 7-19)

A nation-wide competition you can complete from the comfort of your own lab / Classroom / wherever the only thing that has to move are the eggs! This time we are challenging you to design and build a system that will allow two raw eggs to not only cross a bottomless chasm, but also climb up a cliff! Video your efforts and send them into Young Engineers to earn a place on the leader boards. <http://www.youngeng.org/index.asp?page=1060>

Gatwick Challenge Racing Baggage Buggies (age 7-19)

Ever wondered how fast those little airport baggage carts that transport your precious holiday items can go? Fancy racing them to find out? The challenge is to design and make an environmentally friendly eco powered model Racing Baggage Buggy. Students submit their solution portfolio to be judged by real engineers. The selected finalists then build their solutions to bring to an exciting final at Gatwick where we make sure everyone has a fantastic day, win or lose! As ever, entry in Young Engineers competitions is free and travel subsidies are available for finalists.

<http://www.youngeng.org/index.asp?page=69>

Young Engineer for Britain (age 12-19)

Any student working on their own innovative, creative or novel inventions in either

club time, part of the curriculum or as a hobby can gain important recognition for their project as they compete for some absolutely fantastic prizes and awards.

<http://www.youngeng.org/index.asp?page=66>

National Science and Engineering Competition (age 12-19)

The National Science & Engineering Competition is open to 11-18 year olds in the UK who have completed a project or activity in any field of science, technology, engineering or maths. If you or your team have done an amazing project or invented something new then you should enter!

http://www.thebigbangfair.co.uk/the_competition.cfm

Royal Navy Activity Days (age 15-16)

We look forward to launching these exciting Activity Days shortly. They will comprise of a series of activity days based at Royal Navy bases around the UK. Those performing best on the day will be invited to a further national final Activity Day, which will be held in Portsmouth.

<http://www.youngeng.org/index.asp?page=68>

LRET Engineering Experience (age 16-19)

Take part in a 3-4 day intensive engineering, social and cultural experience visiting international industrial facilities in October 2010. The selection process is simple and is good university/job application practice. The six finalists are selected by telephone/video interview.

<http://www.youngeng.org/index.asp?page=1178>

Activity Bank (age 5 -19)

Exclusively available to Club Network members: We are currently finalising a few extra activities, which we will add to the Activity Bank in the next few months. Don't forget we need Club Leaders help to keep this amazing resource growing! If you have run an activity, which really worked, well in your club, please do add it to the Activity Bank so that other clubs can try it also!

<http://www.youngeng.org/index.asp?page=138>

Club Grant - Up to £100 now available

Exclusively available to Club Network members: Don't forget we are keen to get our hands on information for our sponsors on what your club got up to last year. To help us, fill in our two sided Club Report and collect your £50-£100 Club Grant to help you run the club this year! (New clubs can

Also apply for a Club Grant) <http://www.youngeng.org/index.asp?page=1122>

Club Leadership Awards

Exclusively available to Club Network members: Is there an adult helper, company contact, or even student mentor whom you'd like to thank for their club support? <http://www.youngeng.org/index.asp?page=139>

Club Registration for 2009/10

Club Network members take note: Our club member numbers have been zeroed ready for you to enter this years figures, so please update your Club Profile with the number of students attending your club this year. Maintaining up to date membership information is an important element of keeping our sponsors up to date! In the coming months we will running a second lucky dip and will be handing out more club merchandise as prizes, so get your club member numbers updated to be put into the next draw!

<http://www.youngeng.org/index.asp?page=100> Email clubs@youngeng.org if you have problems

Big Bang Fair - date for your diaries (age 11-18)

Taking place in Manchester on 11-13 March, this high profile and free event promises to: Wow students with experiments, explosions, simulators and shows. Give them the opportunity to quiz scientists and engineers about their jobs and discover a dream career. Meet students from around the country and find out about the amazing projects they have brought to display.

<http://www.thebigbangfair.co.uk>

Other News

Remember; get all our news first on www.youngeng.org! Other recent news items:

- * Register now for the National Science and Engineering Competition
- * Another great endorsement for Young Engineers Clubs!
- * Felicity wins BA competition!
- * Club Numbers Lucky Dip Winners.

We hope you'll find something amongst all of this lot to keep your gang amused. Club Network members remember there is loads more information on other competitions and sources of activity ideas in the members pages of our website. (Contact admin@youngeng.org if you have forgotten your log in details)