



'SEAs The Day'

Science and Engineering Ambassadors Newsletter

WELCOME SEAs!

Issue 2

350 active Science and Engineering Ambassadors have volunteered both in the delivery of and assisting with a vast range of STEM activities in schools and at events.

Since the last issue of SEAs the Day Newsletter in February events such as Go4Set, K'Nex Challenges, March into Science, Chemistry at Work, Greenpower Challenge and the Tayside Engineering Challenge, have benefited from SEAs volunteering as mentors, judges, and presenters. All pupils gained so much from having a SEA involved in their activity.

This edition of the newsletter includes information on recent events that SEAs have taking part in and updates you on the current SEAs news.



Science & Engineering
AMBASSADORS

Nationally co-ordinated by **STEMNET**

Remember!

Please note your SEAs registration is only valid for 3 years you then have to re-submit Disclosure forms. TechFest-SetPoint will advise you when your registration is due to expire and will arrange to meet with you to complete the form.

Please remember to keep TechFest-SetPoint updated with any changes to your contact details. If your details aren't up to date, then we cannot keep you informed of all the opportunities available!

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Sixth Year Pupils Sign Up

February 2008 proved to be an extremely successful month for the Science and Engineering Ambassadors Programme with over 40 new ambassadors being recruited and trained.

Ten of the new Ambassadors are sixth year pupils from various Angus schools. These enthusiastic 17 year olds were extremely helpful during 'March into Science' in encouraging

participating pupils of the from local primary schools.

Several of the these new recruits came from Montrose Academy to help the TechFest-SetPoint team deliver their various workshops at the 'March into Science' fun day held at Carnoustie Leisure Centre.

Becoming a Science and Engineering Ambassador is a fantastic and fun

opportunity for young people has it enhances their CV, personal and professional development, boosts their confidence and also offers the chance to broaden their experiences.

Signing up to the SEAs programme will also contribute to their UCAS applications and can be a useful topic for discussion at their university interviews.

K'Nex Challenge 2008

K'Nex Challenge 2008 has recently finished and the finals are currently being organised. It was another fantastic year for the challenge with over 80 participating schools in Aberdeen City and Aberdeenshire, and 43 in Tayside.

79 SEAs assisted; by giving



Winners and runners up from Tayside with Iain Waddell from Tayside Contractss.

a short presentation about what an engineer is and what they do. The Science and Engineering Ambassador also acted as a judge and decided which pupils should go on to the regional finals in May. The children thoroughly enjoyed the task set and the experience; the winning schools are looking forward to attending the Scottish Final in June.

Tayside Engineering Challenge

The first ever Engineering Challenge in Dundee was held on 13th March 2008 at Maryatt Hall in Dundee's city centre.



tokens' that could be spent at the TechFest-SetPoint 'shop'. The pupil could then purchase items such as extra wheels, rods, balloons, straws, cardboard and Sellotape which they would include in the construction of their vehicle.



The teams enthusiastically took on the challenge, they were able to test their vehicle to check if they

The winning team was from Forfar Academy and the challenge was a great success and was enjoyed by all.

S1/S2 pupils from St Columbas High School, Morgan Academy, Menziehill High School, Moniefieth High School, Websters High School and Forfar Academy, were divided up into 15 teams of four, and were set the challenge of designing and constructing a vehicle that had to move over the set track.

had the motor connected correctly and the vehicle moved as they hoped. The track had various types of terrain to test the vehicles abilities.

The teams were judged by the Science and Engineering Ambassadors on team work, design, and how far and how fast their model completed the course.



The winners: Forfar Academy

Looking for 8 days paid employment?

- Are you dynamic, outgoing and enthusiastic?
- Do you have good communication skills?
- Do you enjoy working with children?
- Are you looking for ways to enhance your CV? Are you free Sunday 7th to Sunday 14th September?

TechFest-SetPoint require a number helpers to assist with the running of the

TechFest in September the annual STEM Festival. There are various roles, that all require plenty of enthusiasm! TechFest in September is a great way to have fun and meet new people!

If you are interested in helping out at Aberdeen's Festival of Science, Technology, Engineering and Mathematics, please send **y o u C V t o** s.cordiner@abdn.ac.uk



Get involved!

The TechFest-SetPoint team and their partners organise, promote and deliver a vast number of STEM events throughout the year. We are always looking for Science and Engineering Ambassadors to get involved and share their enthusiasm and knowledge with the next generation of scientists, engineers, technologists and mathematicians. So 'SEAs the Day' and have fun!

**“TechFest-SetPoint aim to promote
Science ,Technology, Engineering and Mathematics
to school pupils and the wider
community”**

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