

# GREEN STEM FOR THE FUTURE

Conference – Monday October 29th 2007  
Staff House, The University of Hull

## The Environment Matters

• To Business • To Education • To Government • To YOU!!!!

This conference will demonstrate how STEM can make a significant contribution to a sustainable future for society.

It is the launch of a three year Yorkshire Forward funded programme which aims to bring environmental issues into the teaching of Science, Technology, Engineering and Mathematics.

Free to attend, the conference is aimed at those in education wishing to develop material in this critical area and those in business who are prepared to devote a little amount of time to ensure that the developed material is both valid and relevant to their needs.

## Outline Programme

09:00 - 09:30	Registration and Coffee
09:30 - 09:50	Introduction and Opening Address
09:50 - 10:40	Presentations from LA, Yorkshire Forward and the University of Hull
10:40 - 11:00	Coffee Break
11:00 - 12:15	Industrial Presentations
12:15 - 12:30	Exhibitor Introduction
12:30 - 13:30	Lunch
13:30 - 15:00	Exhibition
15:00	Close

To register for attendance please contact:

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This project is funded by Yorkshire Forward and is designed to link the theme of the environment together with its problems and opportunities with the teaching and learning in the STEM subjects. This makes the content of the lesson or activity relevant to the pupils and encourages them to take up these subjects, thus impacting on their level of attainment through a raised level of interest.

The project will:

- Develop and deploy new and exciting teaching materials in STEM subjects based on environmental themes by a set of core teachers
- Link core teachers with companies and/or academic institutions for them to access the latest thinking in environmental problem solving
- Engage developers in training colleagues to use the new material
- Improve the participation and achievement rates of pupils taking part through a process of empowerment in which the STEM subjects acquire a high degree of relevance and its reinforcement in the popular media

Topics to be addressed:

- Energy Generation, both conventional and alternative
- Energy Conservation in industry, homes and schools
- Waste Management, e.g. energy recovery, landfill sites, biomass remediation etc
- Shaping of the environment, i.e. influence of climate change on the geographical features and biodiversity

Material will be developed:

- For both primary and secondary schools, including the 14-19 agenda
- On subject specific topics, i.e. Maths, Science
- Using cross-curricular approaches
- To help with transition projects between primary and secondary
- For out-of-school activities (Extended Schools, Clubs, Parental Engagement etc)
- For use as loan resources



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