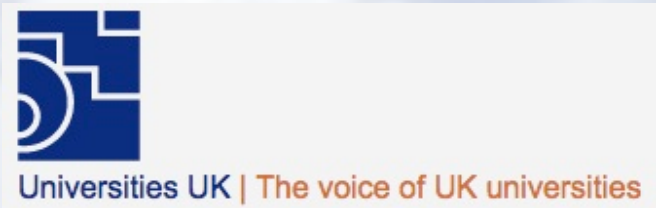
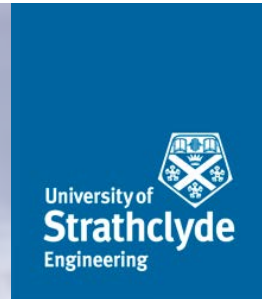


How can teaching contribute to the care of the marine environment?

How can teaching contribute to the care of the marine environment?

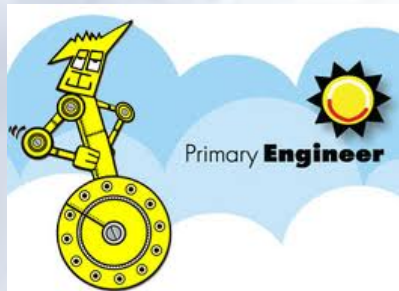
Awareness versus Action
Care versus Exploitation





2012 Status Report on the OSPAR Network of Marine Protected Areas

- “OSPAR’s vision is of a clean, healthy and biologically diverse North-East Atlantic used sustainably”
- “...to continue the establishment of the OSPAR Network of Marine Protected Areas in the North-East Atlantic and to ensure that by 2016 it is well managed (*i.e. coherent management measures have been set up and are being implemented for such MPAs that have been designated up to 2010*).



Environmentally themed 10 week science, engineering and technology projects

Go4SET
EDT

Environmentally themed 10 week science, engineering and technology projects

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Go4SET

A new EDT initiative involving students, engineers and companies in exciting projects to stimulate the interest of young people in science, technology, engineering and mathematics (STEM).

Go4SET links teams of six Year 8/9(England) and S2 (Scotland) pupils with companies and universities to offer a 10 week science, technology, engineering and mathematics (STEM) experience.

[Click here for more information about Go4SET](#)

This site is administered by Go4SET. The Go4SET is an activity of the EDT. Registered Charity in England and Wales (1002453) and in Scotland (SC029635).

EPSRC Engineering and Physical Sciences Research Council
 SELEX GALILEO
 CREST Awards
 IET
 department for children, schools and families
 The Royal Academy of Engineering
 THE ROBERTSON

science, technology, engineering and mathematics residential experience courses

Headstart
EDT

Are you in Year 12/55?
Interested in science, technology engineering or mathematics (STEM)?
Thinking of going to university?

www.headstartcourses.org.uk

3Ls Students' Association
University of Strathclyde, Graham Hills Building, 40 George Street, Glasgow G1 1QE
Tel: 0141 548 4387 Email: ill.assoc@strath.ac.uk
Websites: <http://www.strath.ac.uk/cil/3lstudentsassociation>
<http://3ls.tripod.com>

The University of Strathclyde is a charitable body, registered in Scotland, number SC015263.

University of Strathclyde Glasgow 2014

UK – SPEC

“Undertaking engineering activities in a way that contributes to sustainable development”

Demonstration of:

- *Accountability* for technical and socio-economic factors
- Effective *interpersonal skills* in *communicating technical matters*
- Personal *commitment* to professional standards, *recognising obligations to society, the profession and the environment*
- Professional *ethics*

Education

- What engineering does
- Industry & PEI engagement and support
- Public & government awareness
- Curriculum flexibility
- Student and alumni ambassadors
- Young engineers networks
- Professional training & CPD

➔ Public & government **action**



Engineering Education Scheme

England & Scotland



- Teams of 4 to 6 Year 12/55 students
- Real industrial project with local company
- 6 month project phase
- Assessment and Accreditation

www.thescheme.org.uk



Reasons to get involved...



Experience the world of work
Students work on real industrial problems to enhance employability skills and differentiate UCAS applications.



Solve real problems
In-depth work related learning enabling students to apply post-16 studies to a real life practical context.



Develop key skills
Students gain extensive experience of problem solving, teamwork, report writing and project management and are encouraged to show industrial enterprise, creativity and innovation.



94% of students rated the experience highly

Measurable education benefits

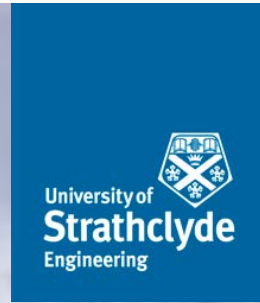
96% of teachers felt EES was relevant to education's needs

"The EES Project provides stretch and challenge to AS Students, giving them essential personal confidence and life skills in; teamwork, resilience, independence, report writing, and presenting"
Iain Clyde, Director of Science from Teesdale School

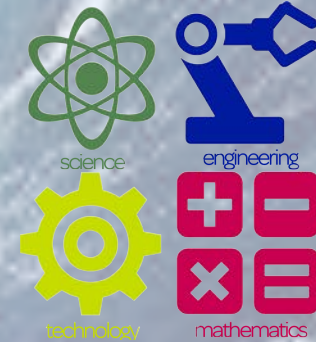
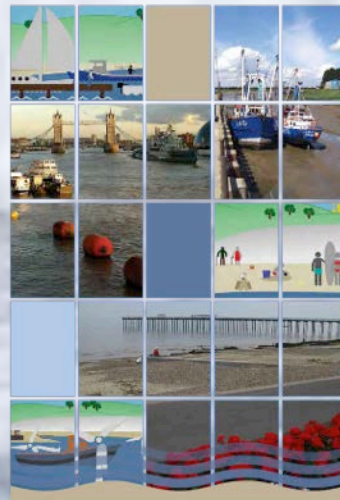
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EDT (Engineering Development Trust) is a registered education charity in England and Wales (1002459) and in Scotland (SC038635). The EDT portfolio includes First Edition, Go4SEI, Open Industry, Engineering Education Scheme (England & Scotland), Headstart and The Year in Industry.

www.etrust.org.uk



Marine Planning: A Guide for Local Authority Planners



STEM 101 Workshops