MARINE EDUCATION AND MARINE ENVIRONMENTAL AWARENESS FOR ALL. EXPERTISE J PARTNERSHIPS J PEOPLE J FUNDING?

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CEFAS is an internationally renowned aquatic scientific research laboratory and also a prominent establishment and important employer within its local community. On a national scale, CEFAS strives to achieve excellence in scientific research in many aspects of marine and aquatic science. This, combined with the local maritime links (past, present and future) provides an excellent basis for providing marine and coastal education initiatives within the wider community.

OUTDOOR LEARNING PROJECTS



BEACH SCHOOLS

FUTURE REQUIREMENTS FOR EDUCATION INITIATIVES

CEFAS recognises the value and importance of marine environmental education initiatives

both within schools and the wider community. Funding is often found within individual

volunteering scheme 'CEFAS Connects' allows staff to participate in one-off events in the

local community. Given the wealth of expertise and adaptable resources within CEFAS for

time to pool, adapt and deliver these resources. Such specific funding would enable a co-

ordinated medium to long term approach to raising awareness of the marine environment

Acknowledgements: This work was funded by CEFAS, in continuing support for marine environmental education initiatives

and links with the local community. Thanks to CEFAS staff pictured above, Suffolk Wildlife Trust and the participating students.

such a vast range of education initiatives the problem lies with gaining funding for staff

contracts for the dissemination of project information to the wider public and CEFAS's

Maritime history

Weather and waves

Conservation projects

Beach surveys

This exciting marine inspired outdoor project is for 11-25s in the Lowestoft area. We will explore the coastal zone discovering its natural beauty, wildlife and social heritage through an exciting programme of activities over a 6-12 week period.

Sample 12 week COD programme

- † Archaeology, aggregates and fossil hunting
- Sand, stone and shell art

CEFAS staff soon to

have 'Beach Schools'

schools. Providing an

opportunity for school

children to experience

and its associated issues.

beach and coastal

outdoor learning

activities.

accreditation for

future work with

- Making movies & images
- Binoculars, boats and birds
- Marine tucker trial and outdoor cooking
- Seascapes and significant land marks

touch pool.





COMMUNITY LINKS

Through their work with the Marine Aggregates Industry CEFAS instigated the sponsorship of a classroom at

Great Yarmouth Sea Life centre. The classroom is available to schools to use during their visits and has its own



COMMUNITY EVENTS



CEFAS traditionally participates at Lowestoft, Weymouth and Brixham fish fayres. Reduced funding now limits Cefas to local events.



Lowestoft Fish Fayre



Burnham Lab 'Turning the tide' day.

A CEFAS stand at Lowestoft Air show. Approx 300,000 people attended the air show in

COMMUNITY LECTURES

CEFAS are planning to run a series of evening lectures about the marine environment for the general public. With lecture themes such as:

- How to tell the age of a fish?
- Renewable energy on your door step.
- Sustainable fishing how and why?
- Tagging sharks.
- A century of change impacts of climate and man.

'CEFAS CONNECTS' VOLUNTEERING IN THE COMMUNITY



CEFAS volunteer RNLI crew



SCHOOL BASED ACTIVITIES



A science master class for High school students.

'Marine scientists' for the day – a class of year 3 students.



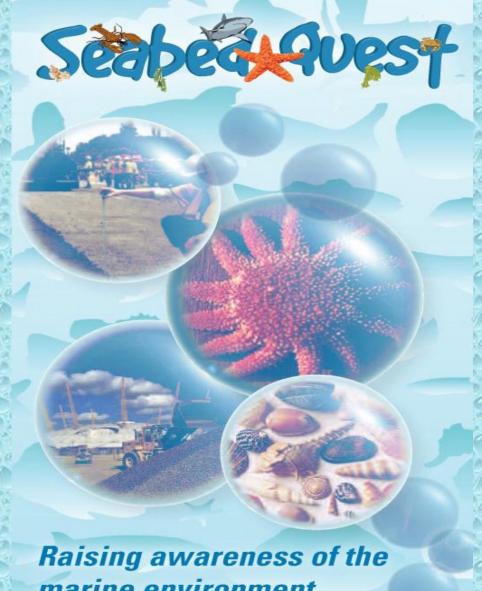
HIGH SCHOOL CAREERS EVENINGS



Providing an overview of careers available within marine science.

FREE SCHOOL CURRICULUM TAILORED WORKSHOPS

Past initiatives of providing marine sessions to Primary and Middle Schools include 'Seabed Quest' curriculum tailored marine environmental workshops which were funded by the Aggregates **Levy Sustainability** Fund.



marine environment, its resources and our responsibilities as an island nation. These practical workshops cater for all learning abilities and are designed to engage, inspire and develop thinking skills.

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COASTAL PROCESSES_HABITAT MAPPING_MARINE CLIMATE CHANGE_ECOSYSTEMS_PLANKTON ECOLOGY_SUSTAINABLE MARINE DEVELOPMENT_OCEAN & SEABED PROCESSES