

# MARINE EDUCATION AND MARINE ENVIRONMENTAL AWARENESS FOR ALL.

## EXPERTISE ✓ PARTNERSHIPS ✓ PEOPLE ✓ FUNDING ?

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1) Centre for Environment Fisheries and Aquaculture Science (CEFAS), Lowestoft, UK

2) Suffolk Wildlife Trust (SWT)



CEFAS is an internationally renowned aquatic scientific research laboratory and also a prominent establishment and important employer within its local community. On a national and international 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





## COD

### Coastal Discovery Project

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
- ↓ Making movies & images
- ↓ Binoculars, boats and birds
- ↓ Marine tucker trial and outdoor cooking
- ↓ Seascapes and significant land marks
- ↓ Maritime history
- ↓ Beach surveys
- ↓ Weather and waves
- ↓ Conservation projects

### BEACH SCHOOLS

CEFAS staff soon to have 'Beach Schools' accreditation for future work with schools. Providing an opportunity for school children to experience beach and coastal outdoor learning activities.



### 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 contracts for the dissemination of project information to the wider public and CEFAS's 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 such a vast range of education initiatives the problem lies with gaining funding for staff 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 and its associated issues.

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### 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 touch pool.



### COMMUNITY EVENTS

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



Weymouth Fish Fayre



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 2012.

### 'CEFAS CONNECTS' VOLUNTEERING IN THE COMMUNITY



CEFAS volunteer RNLI crew.



### 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.

### 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.



*Raising awareness of the 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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