Junior Certificate

This field trip will encompass various areas in the Junior Certificate Science curriculum.

This study will involve:

- General Habitat Study and mapping of the seashore habitat
- Identification of plants using a line transect
- Discovery and Identification of animals on the shore using a dichotomous key
- Examination of the various adaptations and food webs within the habitat
- Look at environmental issues affecting the shore such as pollution
- Optional tour of aquarium with further highlighting of adaptations and habitats

Class Range: 1st, 2nd, 3rd year

Available: Weather and tide dependent
(Give us a call or an email)

Duration: 2.5hrs

Cost: 12 per student

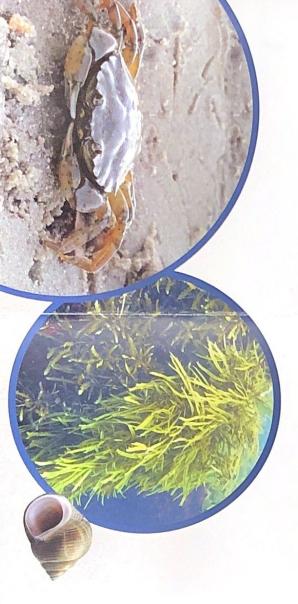
Transition Year

The aim of this package is to inspire and generate enthusiasm for science whilst incorporating skills needed for the future and for the Leaving Certificate

This study involves:

- An introduction to Ireland's marine Life in the aquarium through an interactive tour
- A general habitat study on the shore
- Examination of plants and animals adaptations on the shore
- Laboratory investigations available such as squid dissection and microscopy
- A look at the threats to our oceans and how everyone can help

Class Range: Transition year
Available: Weather and tide dependent
(Give us a call or email us)
Duration: 3.5 hours
Cost: 14 per student



Leaving Cert Ecology

This study revolves around the Ecology module of the Biology syllabus. All activities are conducted whilst utilising the scientific method. The ecosystem will be studied; the definitions will be explained and experienced throughout. Interactions and relationships will be considered as will the adaptations and requirements for the various species encountered. Questions will be posed such as 'why is seaweed not grouped as a plant but instead an algae?'

This study involves:

- A detailed study of a rocky seashore habitat
- Identification of five plants on the shore using a dichotomous key
- Mapping of the habitat and it's zones
- Carry out a qualitative and quantitative study of plants on the shore using percentage frequency and percentage cover.
- Measurement of three abiotic factors that affect the habitat
- Key out five animals on the shore and identify their role, adaptations and place in the food web
- Identify different methods for collection of animals on the shore
- Transfer results to tables, diagrams, histograms and any other relevant mode.

 Identify possible areas of error in the sampling
- Can also include an aquarium tour and further discussion of adaptations and habitats.

lass range. 5th and 6th Year

Class range: 5th and 6th Year

Availability: Weather and tide dependent (Give us a call or email us)

Duration: 3.5 hours

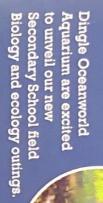
Cost: 14 per student

convinced that the best way to learn (and to

We have designed our packages around the science curriculum, whilst encompassing labitats we have here in Dingle with the aim our knowledge of the beautiful marine to inspire and educate

"It is the supreme art of the teacher to awaken joy in creative expression and knowledge'

Albert Einstein, 1940



with a workbook, equipment and Wildlife Biologists and ecologists, The outings are guided by qualified teacher's support pack all included

"In the end we will only conserve what understand. We will understand only we love. We love only what we what we are taught."

Baba Dioum, 1968



9152111 Email: info@dingle-oceanworld.ie For more information contact us on 066 Visit www.dingle-oceanworld.ie

The Wood, Dingle, Co Kerry Oceanworld Aquarium









Mara Beo Uisceadán an Daingin



Seashore Ecology and **Marine Biology**

Éiceolaíocht Cladaigh & Bitheolaíocht Mara Secondary School Field Science