



## Explorers Education Programme™ Application Form 2016-2017



**Applications to book your class on the marine cross curricular Explorers Education Programme™ 2016-2017 is now open to teachers and their classes in schools located north of Ennis to the border with Co. Galway through Galway Atlantaquaria. For schools in Co. Clare, which are in or south of Ennis, please contact Carmel Madigan of Loophead Hedge School to apply to take part in the Explorers Education Programme™ via the website below:**

**<http://www.carmelmadigan.com/explorers-education-progr.html>**

**Please note the closing date for schools applying through the Loophead Hedge School is the 30<sup>th</sup> September.**

Teachers may apply for **one** of the following exciting interactive modules including:

- Explorers Saltwater Aquarium in your classroom
- Explorers Marine Project
- Explorers Seashore Safari
- Explorers Marine Workshop at Galway Atlantaquaria

The modules include up to two class visits by an Explorers education officer who will introduce students to their topic (unless otherwise specified - see details below), provide teaching guides and fun cross curricular lesson plans that support the NCCA curriculum, as well as a range of teachers resources and activities. On completion of the module and a presentation of the class related work, the students will be awarded an Explorers Certificate of Participation.

The Explorers Education Programme™ is supported by the Marine Institute, and is funded under the Marine Research Programme by the Irish Government. The modules are free of charge unless otherwise stated.

### **APPLYING FOR PARTICIPATION IN THE EXPLORERS EDUCATION PROGRAMME™:**

Teachers must complete the Explorers Education Programme™ application form below.

Teachers should indicate their preference of modules and term time, as places are limited. While the Explorers Education Programme™ team aspires to visit all classes, there is no guarantee that the teacher's first preference will be successful. However other options may be offered where possible. Where multiply applications are received from the one school, the Explorers team may not be able to accommodate all classes.

Teachers participating in the programme will be required to take part in an information session prior to the commencement of the programme to assist with preparing them for the modules in class. Some sessions are mandatory for a selection of the modules. These sessions will be carried out at the local education centre, school or online.

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Teachers will be asked to partake and assist with an evaluation of the Explorers Education Programme™ including pre and post evaluations of the student's ocean literacy during class. These will be run as fun games, activities and assessment of projects and work completed during school visits.

If you have any queries relating to the Explorers Education Programme™, please do not hesitate contacting Noirin Burke, Explorers Education Officer at [noirin@nationalaquarium.ie](mailto:noirin@nationalaquarium.ie)

Ainm / Name: (The name of the teacher who will take part in the programme)

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Scoil /School:

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Seoladh /Address:

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Fón Póca /Telephone No or mobile\* :

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Email:

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Class range / Classes:

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Number of students per class ( Maximum 30):

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Have you taken part in the programme before, and if yes, which module did you take part in?

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Have you taken part in an Explorers Teacher training course before?

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\* Please provide an email and telephone number at which you can be contacted relating to your Explorers application. Please indicate if it is suitable to call during school hours, if you cannot be contacted during school hours please provide a mobile number at which you can be contacted after 3pm.

Please indicate which module you wish to apply for - stating your preference and which school term would best suit your class. Please rate in order of preference – **1 being the most desirable, 4 been the least.**

Module	Interest (preference)	School Term (1, 2 or 3)
Explorers Saltwater Aquarium in your classroom		
Explorers Project		
Explorers Seashore Safari		
Explorers Workshop in Galway Atlantaquaria**		

\*\* The Explorers Workshop at Galway Atlantaquaria will incur a small fee, which is payable to Galway Atlantaquaria on the day of the workshop.

Please see the module outlines for full module descriptions below.

Teachers who are offered a place on the programme will also be asked to take part in an information session about their selected module prior to the commencement of the programme. These sessions will be carried out at

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the Clare Education Centre or online. Explorers Saltwater Aquarium teacher information session is mandatory in order to learn how to help maintain the tank and care of the animals. Aquariums will only be installed in classrooms where teachers have taken part in this information session.

Please indicate three reasons why your class should be considered for inclusion in the Explorers Education Programme™ 2016-17, highlighting the benefits of learning about our ocean:

1.

2.

3.

Please indicate three benefits that your school will accrue through your class involvement in the Explorers Education Programme™:

1.

2.

3.

Please return the application form, together with additional information you wish to include to:

### EXPLORERS EDUCATION PROGRAMME™

C/O Galway Atlantaquaria

Salthill

Galway

By **30<sup>th</sup> September at 4pm**. Late applications may not be considered due to the high demand for this programme.

Places will be allocated by a selection committee representing the Explorers Education Programme™. All decisions of the committee are final. You will be notified by email of the outcome of the selection process by **Insert Date**.

Siniú: \_\_\_\_\_

Dáta: \_\_\_\_\_

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*Foras na Mara*  
**Marine Institute**

## Explorers Aquarium in the Classroom



The Explorers saltwater aquarium in class module provides teachers with an opportunity to bring the seashore to the classroom and teach their students about marine living things and environmental awareness and care. Teachers will be provided with equipment and stock to run a saltwater aquarium with native species from the seashore for up to four weeks in their classroom with support provided by an Explorers education officer. Teacher's will be provided with a teachers' guide as well as recommended education resources and lesson plans to carry out cross curricular project work based around their aquarium. This module is suitable for 5th and 6th class. Class size is restricted to a maximum of 30 students.

The saltwater aquarium in class module includes two half-day visits (approx. 2 hours per visit) to the class by an Explorers education officer. The first visit will involve a fun introduction to ocean literacy, a presentation about marine living things as well as instructions on caring for the animals in the aquarium. The second visit will involve the class providing a presentation and discussion of their project work that relates to the aquarium in the class. Both visits will involve fun activities assessing the student's ocean literacy in which they will be awarded an Explorers Certificate of Participation on completion of the module.

This module is funded by the Marine Institute and is therefore free for schools to participate in. Teachers participating in this module must attend an introduction workshop prior to the delivery of the aquarium to the class.

For further information please contact [Brendan@nationalaquarium.ie](mailto:Brendan@nationalaquarium.ie)

## Explorers Marine Project



The Explorers marine project in class module provides teachers with an opportunity to teach their class about the importance of our marine environment and our ocean resource. Projects may include a range of topics including: marine biodiversity - living things, caring for our marine environment - impacts of marine litter, marine technology - exploring our ocean, and our ocean wealth – my favorite job. Teachers will be provided with class schemes, recommended education resources and lesson plans to carry out cross curricular project work based on the project that has been selected. This module is suitable for 3<sup>rd</sup> and 4<sup>th</sup> or 5<sup>th</sup> and 6<sup>th</sup> classes. Class size is restricted to a maximum of 30 students.

The marine projects in class module will include two half-day visits (approx. 2 hours per visit) to the class by an Explorers education officer. The first visit will involve a fun activity introducing ocean literacy, a presentation about the selected project topic and / or the class completing an interactive experiment. The second visit will involve the class providing a presentation and discussion of their project work to the education officer. Both visits will involve fun activities assessing the student's ocean literacy in which they will be awarded an Explorers Certificate of Participation on completion of the module.

This module is funded by the Marine Institute and is therefore free for schools to participate in. Teachers participating in this module may be requested to attend an introduction workshop prior to outreach officer visiting the class.

For further information please contact [Brendan@nationalaquarium.ie](mailto:Brendan@nationalaquarium.ie)

## Explorers Seashore Safari



The Explorers Seashore Safari module provides teachers with an opportunity to take their class to the seashore and participate in a field trip involving interactive activities learning about marine habitats, living things and environmental awareness and care on the shore. The class will be accompanied by an Explorers education officer and all sampling equipment will be provided for exploring the seashore. Teachers will be provided with a teachers' guide, recommended education resources and lesson plans to carry out cross curricular project work based around their visit to the seashore. This module is suitable for 3<sup>rd</sup> and 4<sup>th</sup> or 5<sup>th</sup> and 6<sup>th</sup> classes. Class size is restricted to a maximum of 30 students.

The Seashore Safari module may involve one full day visit from an Explorers Education Officer on the seashore or a half-day visit to the shore (approx. 3 hours) and a follow up class visit to assess project work completed by class after the seashore visit. Teachers will be required to complete some project work with the students prior to the fieldtrip involving safety on the shore and understanding the seashore conservation code. The seashore visit will include an exploration of marine habitats and living things as well as interactive learning games on the shore (weather permitting). The follow up visit will involve the class providing a presentation and discussion of their project work that relates to their experience on the seashore. This module involves fun activities assessing the student's ocean literacy in which they will be awarded an Explorers Certificate of Participation on completion of the module.

Field trips to the seashore must be organised to suit the tides. Teachers participating in this module may be required to attend an introduction workshop prior to the delivery of the seashore safari. This module is funded by the Marine Institute and is therefore free for schools to participate in. However, teachers should note that travel arrangements to and from the shore is the responsibility of the school and must be organised by the school.

For further information please contact [Brendan@nationalaquarium.ie](mailto:Brendan@nationalaquarium.ie)



### Explorer Workshops



The Explorers workshop module provides teachers with an opportunity to teach their class about the importance of our marine through science, technology, engineering and maths at Galway Atlantaquaria. The workshop will involve a fun introduction to ocean literacy through interactive experiments, group activity work and discussion. Teachers will be provided with recommended education resources and lesson plans to carry out cross curricular project work based on the workshop. This module is suitable for 3<sup>rd</sup> and 4<sup>th</sup> or 5<sup>th</sup> and 6<sup>th</sup> classes. Class size is restricted to a maximum of 30 students.

The workshop module includes a one half-day visit (approx. 2 hours) to Galway Atlantaquaria. Workshops are based on an interactive tour of the aquarium with activities, and a classroom/ experiment session. Workshops available include Exploring Maths @ the aquarium, Science Strands including living things and a squid dissection or energy and forces and environmental awareness and care experiments, or our Engineering Trial and Exploring Flood Defenses.

A follow up call will be made to visit the class (approx. 2 hours) to review the students work and will involve fun activities assessing the student's ocean literacy in which they will be awarded an Explorers Certificate of Participation on completion of the module.

**\* A small fee of €5 per student will be charged for classes visiting Galway Atlantaquaria for the workshop.**

For further information please contact [Brendan@nationalaquarium.ie](mailto:Brendan@nationalaquarium.ie)