



Blue Connections @ Inish Adventures

This season at Inish Adventures we are pleased to be working with local Marine Biologist Rosemary Sweeney from Inishowen to create new and exciting opportunities to make 'Blue Connections' with our local marine and river environments. We have combined expertise and experience in paddlesport, with science, environmental and ocean/river discovery to create fun and unique experiences to discover your local marine/riverine environment.

SCHOOL/YOUTH GROUPS

Coastal Discovery (2 hours - Land Based)

2-hour session focusing on discovering the coastal marine environment. Participants will learn about wind, weather, tides and coastal navigation including how to stay safe on the coast. Participants will learn various environmental survey techniques including catching and identifying fish/crabs and using microscopes to identify and observe marine life; as well as using scientific equipment and technology to tell us new information about the world around us!



Marine Discovery (3 hours plus - Sea based on Kayak/Canoe)

3-hours plus session (including lunch break) focusing on discovering and exploring the marine environment. The group will start from the beginning with observations about the world around them, learning how to explore the marine environment. They will be required to use the scientific method to make observations, design a question, and conduct experiments at sea from kayak/canoe.

In the process the group will learn about wind, weather, tides and coastal navigation including how to stay safe on the coast. They will conduct a marine science investigation by working together in teams and practicing various marine/environmental techniques. Investigations could include catching and identifying fish/crabs using a variety of methods, using microscopes to identify/observe marine life, conducting a dissection, sampling environmental parameters; as well as using scientific



equipment and technology to tell us new information about the marine world! They will analyse their findings and present data on what they have learned.

Option to incorporate biology field study e.g. rocky shores survey or shore Search, or beach clean for citizenship links or for Green schools.

River Discovery (2 hours – Land Based)

2-hour session focusing on discovering the riverine environment. Participants will learn about river habitats and species, impacts on the riverine environment and various environmental survey techniques including an invertebrate study where students will take a sample of the invertebrates living in a river (water bugs) and identify the species. Students will use techniques and data/information they have gathered to make an assessment on the health of the river.



River Discovery (3 hours plus – Water Based on Kayak/Canoe/Raft)

3-hour plus session focusing on discovering the riverine environment by kayak/canoe/raft. Participants will learn about river habitats and species, impacts on the riverine environment and various environmental survey techniques. Students will take water samples by boat and use scientific equipment to make observations, as well as conducting an invertebrate study where students will take a sample of the invertebrates living in a river (water bugs) and identify the species. Students will use techniques and data/information they have gathered to make an assessment on the health of the river.



Additional Info

Location: 2-hour sessions (land based) can be delivered in several locations across Inishowen/Derry (for further details please inquire). 3 hours plus marine session with kayaks/canoes delivered at Inish Adventures HQ in Moville. 3 hours plus riverine session usually delivered on the river Foyle, river Strule or other (please enquire).

Price: €15 per student (2-hour land based session), €25 per student (3-hour plus session with kayaks/canoes)

Suitability: Ages 8 – 17 can be tailored to suit ages/year groups. Links to the curriculum for each stage. Activities can be tailored to cover particular topics.

Included: Instructor(s), all equipment including PPE. Outdoor clothing not provided for land based activities, but it is recommended students wear clothing suitable for working outdoors e.g. strong waterproof footwear and waterproof jacket/trousers where possible.

Email: info@inishadventures.com **Call:** 00353 (0)87 220 2577 www.inishadventures.com