



An Taisce
The National Trust for Ireland

ROLE: Science Education Officer

CONTRACT: 2 Year Fixed Term

SALARY: €28,000 - €33,500 per annum (depending on experience)

LOCATION: 5a Swifts Alley, Francis Street, Dublin 8

CLOSING DATE: 5th October 2017

APPLY: Email Anthony Purcell, apurcell@eeu.antaisce.org

PURPOSE

The Environmental Education Unit of An Taisce is seeking an enthusiastic and motivated person to work on its new GLOBE programme.

GLOBE is an international science and education programme that provides students and the public worldwide with the opportunity to participate in data collection and the scientific process, and contribute meaningfully to our understanding of the Earth system and global environment.

GLOBE provides age level appropriate, interdisciplinary activities and investigations about the atmosphere, biosphere, hydrosphere, and soil/pedosphere, which have been developed by the scientific community and validated by teachers. GLOBE connects students, teachers, scientists, and citizens from different parts of the world to conduct real, hands-on science about their local environment and put it in a global perspective.

Since 1995, more than 29,000 schools in 117 countries have participated in GLOBE. Nearly 140 million measurements have been contributed to the GLOBE science database creating research-quality datasets that are available to all and can be used in support of student and professional scientific research.

Ireland has recently joined the GLOBE programme and the Environmental Education Unit of An Taisce is the Country Coordinator of GLOBE in Ireland.

ROLE

An Taisce is seeking a candidate who has an excellent knowledge of earth/environmental science and experience of Ireland's education system, to promote and develop the GLOBE programme to primary and secondary schools in Ireland and assist teachers implementing GLOBE in the classroom.

Over the period of the programme the Science Education Officer will provide ongoing support, training and advice for participating schools. Schools also develop their own expertise and exchange information and experiences with other schools over the course of the programme.

The post will be 32.75 hours per week, based in the Environmental Education Unit, 5a Swift's Alley, Dublin 8 and a degree of flexibility of working hours around evenings and weekends will be expected. This initial contract will be for a period of 2 years based on current funding and may be extended in line with the provision of further funding in the future.

TASKS AND RESPONSIBILITIES

- Promote the GLOBE programme to a limited number of Primary and Secondary schools
- Recruit and register a set number of schools for participation in the GLOBE programme
- Engage and support schools to assist them in the development and implementation of their programmes
- Organise and facilitate workshops/presentations/teacher training/events for schools etc.
- Undertake a series of school visits to demonstrate experiments and data collection techniques
- Train teachers in how to operate instrumentation and upload data to the GLOBE website
- Monitor and evaluate progress and development of the programme in participating schools
- Assist in the development and procurement of materials and resources
- Research, adapt and develop a series of curriculum linked lesson plans and modules for teachers to use in the classroom
- Maintenance and content management of the programme specific web pages
- Set up and management of various social media platforms
- Organise and conduct meetings with teachers and students
- Liaise with existing programme partners and stakeholders
- Undertake associated PR, marketing and media elements
- Overall responsibility for programme administration
- Prepare a series of progress reports and updates
- Undertake any other such relevant duties as may from time to time arise and are considered appropriate.

SPECIFICATIONS & REQUIREMENTS	Requirements
PERSON SPECIFICATION Attributes	
Qualifications and Attainments	
3rd Level Qualification in environmental studies/science/education/research	Essential
Experience	
A minimum of 2 years experience in a field relating to environmental / science/ education or sustainable development.	Desirable
Knowledge, Skills & Aptitudes	

Knowledge of Earth Sciences & Environmental Issues	Essential
Knowledge of Sustainable Development	Desirable
Excellent communications and interpersonal skills	Essential
Excellent facilitation skills	Essential
Excellent computer skills including database management & Web editing skills	Desirable
Ability to manage a workload within tight deadlines	Essential
Ability to work with a wide range of stakeholders including schools, local authorities and other agencies.	Essential
Disposition	
Be a self starter	Essential
Be dependable and flexible	Essential
Be prepared to travel as part of your work	Essential
Be committed to working as part of a team	Essential
Posses tact and diplomacy	Essential
Access to own transport with a clean driving license	Essential