

2013 Bealtaine Festival

of Outdoor Science

18th- 26th May

Celebrate our Living Earth



Fascination of
Plants Day
May 18th

Incorporating Fascination of Plants Day May 18th and
International Day for Biological Diversity May 22nd
visit www.livingearth.ie

Co-ordinated by

Partner Centres:



Waterford County Local Authorities
Udairis Áitiúla Chiontae Phort Láirge



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and the European Union



Mammals in
a Sustainable
Environment

museum
National Museum of Ireland
Ard-Mhúsaem na hÉireann



Bealtaine Festival of Outdoor Science - Celebrate our Living Earth www.livingearth.ie

Venue	Activity	Presenter	Date	Times	Groups
Waterford Institute of Technology 	Botanical Drawing and Macro Photography of Flowers: As part of Fascination of Plants Day, learn the principles of botanical drawing and photography of flowers from experienced artists and photographers. Artists materials and flowers will be provided but photographers should bring their own camera equipment.	Lynn Stringer & Cara Daly (WIT)	Saturday 18 th	11:00-14:00	Families/General
Tramore Strand and Sand Dunes 	Eco Plant Tour: Get to know the plants on your own doorstep! Team up with experienced and knowledgeable local ecological tour guides from the Copper Coast Geopark and WIT who will show you the wonder and diversity of our native plants.	Glen Power, Alan Walshe & Cara Daly (WIT)	Saturday 18 th	15:00-17:00	Families/General
Tramore Strand	Seashore Art Activity: Explore beautiful Tramore strand and use natural materials to craft seaside art with Artist and Scientist Rachel Smith.	Rachel Smith	Saturday 18 th	14:00	Families/General
Anne Valley, Dunhill	The Opening Walk of the new Anne Valley Walk. This beautiful trail originates in Dunhill. It follows the Anne River which flows through the Anne Valley and meanders past many beautiful ponds to reach Dunhill Castle.	Mike Walsh	Sunday 19 th	13:00	Families/General
T-Bay Surf, Eco Centre & Café	Explore and Discover the natural beauty and mysteries of Tramore Bay, Sand Dunes and Backstrand environments with natural heritage specialist and field ecologist, Grace O' Sullivan.	Grace O' Sullivan	Sunday 19 th	15:00-17:00	Families
JFK Arboretum, New Ross	Animated Film: "The Man Who Planted Trees". This Academy Award winning animation is a collection of nine short films exploring humanity's relationship with trees and the environment.	JFK Arboretum	Sunday 19 th	11:00	Families/General
JFK Arboretum, New Ross	Guided Walk of the botanical wonders of the arboretum for family groups.	JFK Arboretum	Sunday 19 th	15:00	Families/General
Kilfarrasy Strand	Sunset beach walk and a look at edible seaweeds with Irish Wildlife Trust member Marie Power, author of The Sea Garden- a guide to seaweed cookery and foraging.	Marie Power	Monday 20 th	19:00	General
Copper Coast Geopark Centre, Bonmahon, Waterford	Dynamic Earth: Earthquakes presentation given by Tina Keating for primary level students, Copper Coast Geologist explaining where and why they happen, with a demonstration of a working seismometer.	Tina Keating (Copper Coast Geopark)	Monday 20 th	10:00-11:30	Primary (3 rd -6 th class)
JFK Arboretum, New Ross	Trees- their flora and fauna: a unique guided walk around some of the main European species of tree used in plantation forestry in Ireland. The trees are growing in plots and can be seen growing exactly like they would in a plantation forest. Dr Nick McCarthy will introduce primary school children to the trees, flowers and animals living in JFK.	Dr Nick McCarthy (WIT)	Monday 20 th	10:00 & 11.30	Primary
Lismore Heritage Centre	An exciting outdoor Maths Trail.	Lismore Heritage Centre	Tuesday 21 st	10:30	Primary
Fenor Bog	Fenor Bog wildlife tour: An interactive walk for primary level covering the formation of the bog, looking at plants and animals that live there.	Alan Walshe (Copper Coast Geopark)	Tuesday 21 st	10:00-11:30	Primary (5 th & 6 th class)
Kilfarrasy Strand	A guided tour of the diverse and fascinating rocky sea shore at Kilfarrasy beach. The sea life of the copper coast will be explored and their habitats investigated.	Grace O' Sullivan (Copper Coast Geopark)	Tuesday 21 st	19:00-20:30	General
Waterford Institute of Technology	Dave's Jungle: Get the chance to meet Dave's snakes, spiders, scorpions and lizards up close and personal!	Dave's Jungle	Tuesday 21 st	09:30 11:00 12:30 13:45 15:30	Primary
Dunhill	Guided tour of Dunhill village's Integrated Constructed Wetland (ICW). Explanation of wastewater treatment capabilities of ICWs and accompanying biodiversity benefits.	Paul Carroll (Waterford County Council)	Tuesday 21 st	14:30	Primary, Secondary or General
River Mahon, Kill 	Investigation of river ecology with WIT lecturer and wildlife expert, Dr Michael Breen.	Dr Michael Breen (WIT)	Wednesday 22 nd	10:30 12:00	Secondary- senior cycle
Copper Coast Geopark Centre, Bonmahon, 	Our Dynamic Earth: A talk for general audiences on the science of earthquakes, where and why they happen as well as a demonstration of a working seismometer.	Tina Keating (Copper Coast Geopark)	Wednesday 22 nd	19:00-20:30	General
Kilmeadan Water Treatment Plant 	River Ecology Workshop exploring the uniquely well-adapted fauna and flora of Irish rivers.	Paul Carroll (Waterford County Council)	Wednesday 22 nd	14:00-16:00 (4 Half hr sessions)	Primary (5 th & 6 th)
Kilmeadan Water Treatment Plant 	A tour of the Water Treatment Plant in Kilmeadan exploring the important role it plays in our lives and how it relates to river ecosystems.	Paul Carroll (Waterford County Council)	Wednesday 22 nd	14:30	Secondary
JFK Arboretum 	An exciting and informative Nature Trail taking in the beauty and nature of JFK Arboretum.	JFK Arboretum	Wednesday 22 nd	10:30 & 15:00	Primary General
Kilbarry Nature Park 	A biodiversity workshop marking International Day of Biodiversity, exploring the diverse wildlife of this reclaimed wetland.	Ella Ryan (Waterford City Council)	Wednesday 22 nd	11.30	Primary (4 th or 5 th Class)
Faithlegg Woods, Waterford 	This walk offers a fascinating insight into the lives of local mammals marking International Biodiversity Day. The walk concludes shortly after sunset when participants will get the chance to see and hear bats hunting for insects over woodland canopy.	Andrew Harrington (WIT)	Wednesday 22 nd	20:00-22:00	Families/General (under 16s must have supervision)
Central Library, Davitt's Quay, Dungarvan	Illustrated talk on the Birds of Ireland: Facts, Folklore and History by Glynn Anderson, Author and Guide with the Botanic Gardens, Dublin.	Glynn Anderson and Waterford County Council	Thursday 23 rd	19:30-21:00	General
Fenor Bog	A tour of Fenor Bog for general audiences, an important local ecological hotspot for birds, plants and animals.	Alan Walshe (Copper Coast Geopark)	Thursday 23 rd	19:00	General
Waterford Institute of Technology	Wonderful World of Feathers. Eric Dempsey is well known from the Mooney show and for his bird books. Eric Dempsey will introduce the birds of Ireland to primary school children and this illustrated presentation will show how wonderfully adapted birds are for their environment.	Eric Dempsey	Thursday 23 rd	10:00 & 12:00	Primary 2 nd -4 th & 5 th -6 th
JFK Arboretum	An exciting and informative Nature Trail taking in the beauty and nature of JFK Arboretum.	JFK Arboretum	Thursday 23 rd	10:30	Primary
JFK Arboretum	An exciting and informative Nature Trail taking in the beauty and nature of JFK Arboretum.	JFK Arboretum	Friday 24 th	10:30	Primary
Waterford Institute of Technology	Skulduggery! This workshop is aimed at the primary school age group. The workshop aims to teach participants the difference in anatomy of carnivores, herbivores and omnivores. Pupils will discover that the shape and position of eyes, jaws and teeth are clues that help us learn more about an animal's lifestyle and habitat.	Catherine McGuinness (Natural History Museum)	Friday 24 th	10:00 & 11:45	Primary 4 th -6 th
T-Bay Surf, Eco Centre & Café	Explore and Discover the natural beauty and mysteries of Tramore Bay, Sand Dunes and Backstrand environments with natural heritage specialist and field ecologist, Grace O' Sullivan.	Grace O' Sullivan	Friday 24 th	10:00-12:00	Primary 5 th & 6 th
JFK Arboretum, New Ross	Animated Film: "The Man Who Planted Trees". This Academy Award winning animation is a collection of nine short films exploring humanity's relationship with trees.	JFK Arboretum	Saturday 25 th	11:00	Families/General
JFK Arboretum, New Ross	Guided Walk of the botanical wonders of the arboretum for family groups.	JFK Arboretum	Sunday 26 th	15:00	Families/General
Annestown Beach	Giant mosaic on Annestown beach using natural materials.	Sinead Driver & Tina Keating (Copper Coast Geopark)	Sunday 26 th	12:30-15:30	Families/General

All events are free, but advance booking is required. Book through Eleanor Reade, School of Science WIT, at **051 302037** or by e-mailing **ereade@wit.ie**. All events are 1 hour unless stated otherwise. Waterford IT through CALMAST offers a wide range of science, technology, engineering and maths programmes for schools and the general public, attracting over 12,000 visitors to five annual festivals, *Maths Week Ireland*, *The Robert Boyle Summer School*, *Robert Boyle Science Week*, *Engineering Week* and *Bealtaine Festival of Outdoor Science*. Cover background image by Richard Creagh (**www.richardcreagh.com**).



Primary School



Secondary School



General Public and Families