



Booking Essential with:

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Remember to dress appropriately for the terrain and weather

Photography and Videography


To promote our message about biodiversity and natural heritage all events will be photographed/ videoed. By booking you are accepting this and giving consent to photography / videoing.

- For not for profit use to promote STEM
- People will not be named unless permission is given

If you do not wish to have yourself or your children in photographs, you need to let us know in advance so we can plan

The Bealtaine Living Earth Festival celebrates biodiversity and natural environment in the South East of Ireland. Founded by Calmast, WIT's STEM Outreach Centre in 2006 it is a partnership of governmental and non-governmental bodies interested in the promotion of our natural environment.

 @CalmastWIT



 @CalmastSTEMhub

 @waterfordit



 @waterfordit



Monday, 21st May 2018**DNA - Our Genetic Code****Ardkeen Library with WIT researchers**

Where	Ardkeen Library https://goo.gl/maps/u3MqqUp2LN62
When	10:30 – 11:30 am
What	Discover DNA and explore the secrets of our genetic code. Have fun extracting the DNA of a banana while learning about what DNA is, what it does and how the genetic code works!
Who	Primary school pupils (5 th /6 th class)
Booking	By invitation only
Social	 @WaterfordLibs  @WaterfordCouncilLibraries
Website	http://waterfordlibraries.ie


Puzzle in the Park**Lismore Heritage Centre**

Where	Lismore Heritage Centre https://goo.gl/maps/QbVhDME5Kj32
When	11:00 am – 12.30 pm
What	Team work and group discussion are key as Students take a Maths journey around Lismore's beautiful Millennium Park. Helping Sonny, the park keeper figure out his conundrums has never been so much fun!
Who	Primary school pupils
Booking	Booking required: 0761 102157
Social	 @LismoreHC  @lismoreheritagecentre
Website	http://www.discoverlismore.com

Tuesday, 22nd May 2018

International Day for Biological Diversity



Exotic Animals**Dave's Jungle**

- Where** Waterford Institute of Technology, FTG 25
<https://goo.gl/maps/PuRh8pYivPQ2>
- When** 9:30 – 10.30 am
10:45 – 11.45 am
12:15 – 1:15 pm
1:30 – 2.30 pm
- What** **Discover reptiles, spiders, scorpions and other exotic animals up close! A great opportunity to learn about snapping turtles, alligators, chameleons, snakes and more in a safe environment.**
- Who** Primary school pupils
- Booking** Booking required: 051 302037 or email ereade@wit.ie
- Social**  @davesjungle
- Website** <http://www.davesjungle.com>



The Rocky History of the Copper Coast**Robbie Galvin, Copper Coast Geopark**

- Where** Central Library Waterford
<https://goo.gl/maps/za9pNdySp452>
- When** 10:30 – 11:30 am
- What** Learn about how the Earth's climate has changed over millions of years and how these changes are reflected in the rocks and landscape of County Waterford. Robbie Galvin, Copper Coast Geologist, will guide the pupils through an interactive workshop and presentation on both geological time and environmental change.
- Who** Primary school pupils
- Booking** By invitation only.
- Social**  @coastcopper  @coastcopper
 @WaterfordLibs  @WaterfordCouncilLibraries
- Website** <https://coppercoastgeopark.com>
<http://waterfordlibraries.ie/>

DNA - Our Genetic Code**Ardkeen Library with WIT researchers**

Where	Ardkeen Library https://goo.gl/maps/u3MqqUp2LN62
When	10:30 – 11.30 am
What	Discover DNA and explore the secrets of our genetic code. Have fun extracting the DNA of a banana while learning about what DNA is, what it does and how the genetic code works!
Who	Primary school pupils (5 th /6 th class)
Booking	By invitation only
Social	 @WaterfordLibs  @WaterfordCouncilLibraries
Website	http://waterfordlibraries.ie

Under Your Skin Marianna Gavendova & Thomas Byrne, WIT

Where	Clonmel Library - in association with MSD https://goo.gl/maps/qrQgwprKx62
When	10:30 – 11:30 am
What	What do you know about the anatomy of your body? How do we breathe and why does our heart beat – and what is the connection between our lungs and our heart? Find out more about what's under your skin and take a look at the skin itself: we know it keeps the inside in and the outside out, but what else does it do?
Who	Primary school pupils (5 th /6 th class)
Booking	By invitation only
Social	 @TippLib  @TipperaryLibraries
Website	http://www.tipperarylibraries.ie



River Mahon Ecology**Dr Michael Breen, WIT**

Where	River Mahon, Kill https://goo.gl/maps/YEBmaCxQMZn
When	10:30 – 11.30 am
What	Explore the rich and diverse ecology of the River Mahon. Environmental science lecturer Dr Michael Breen will bring you on an exciting tour along the river.
Who	Secondary school students (5 th /6 th class)
Booking	Booking required: 051 302037 or email ereade@wit.ie



Wednesday, 23rd May 2018**Wonderful World of Feathers****Eric Dempsey, Birds Ireland**

Where	Waterford Institute of Technology, Auditorium https://goo.gl/maps/PuRh8pYivPQ2
When	10:00 – 11:00 am 12:00 – 1:00 pm
What	Eric Dempsey, author and award-winning broadcaster, will introduce students to the exciting birds of Ireland. With an entertaining, inspiring and fun talk Eric ‘The Birdman’ will capture the audience and explain about the many unusual and interesting adaptations of Irish birds.
Who	Primary school pupils (3 rd – 6 th class)
Booking	Booking required: 051 302037 or email ereade@wit.ie
Social	 @EricTheBirdman  @birdsireland
Website	http://birdsireland.com

Ecology Walk & Nature Hunt**Ella Ryan, Waterford City & County Council**

Where	Kilbarry Nature Park, meeting at car park within the gates of the nature park https://goo.gl/maps/PuRh8pYivPQ2
When	10:30 – 11:30 am
What	The nature park provides an ideal opportunity for this interactive workshop to explore nature and biodiversity within Waterford City. It encompasses an integrated wetland, wildflower meadows, Kilbarry Bog and all this on a remediated landfill! What better place to talk about waste, wildlife and habitats in one outing? Pupils will participate in identification tasks, nature hunts and more.
Who	Primary school pupils (3 rd – 6 th class) Bring waterproof shoes and jacket, dress for the weather.
Booking	Booking required: 051 302037 or email ereade@wit.ie
Social	 @WaterfordCouncil  @waterfordcouncil
Website	http://www.waterfordcouncil.ie


Under Your Skin Marianna Gavendova & Thomas Byrne, WIT

Where	Dungarvan Library – in association with GSK https://goo.gl/maps/pJc16i1UYzp
When	10:30 – 11:30 am
What	What do you know about the anatomy of your body? How do we breathe and why does our heart beat – and what is the connection between our lungs and our heart? Find out more about what's under your skin and take a look at the skin itself: we know it keeps the inside in and the outside out, but what else does it do?
Who	Primary school pupils (5 th /6 th class)
Booking	By invitation only
Social	 @WaterfordLibs  @WaterfordCouncilLibraries
Website	http://waterfordlibraries.ie


Thursday, 24th May 2018

Birds of Prey



Mayfield Birds of Prey

Where	Mayfield Birds of Prey, Kilmacthomas Work Houses, Union Road, Kilmacthomas https://goo.gl/maps/7raLv2FPdPx
When	10:00 am – 12:00 pm
What	Join William at the Mayfield Birds of Prey falconry for an unforgettable experience. Participants will enjoy a close up and hands on approach while being educated about the importance of these majestic raptors and the important role they play in the environment.
Who	Primary school pupils (5 th /6 th class)
Booking	Booking required: 051 302037 or email ereade@wit.ie
Social	 @Mayfield-Birds-of-Prey-Portlaw
Website	http://falconryinireland.com

The Hidden Treasures of the Greenway**Paddy Dwan, Time Outside Nature Walks**

- Where** Killoteran Greenway Car Park (by Mount Congreve)
<https://goo.gl/maps/S3K4RCpaFxC2>
- When** 10:00 am – 12:00 pm
- What** Find out about the hidden treasures on the Greenway! Paddy Dwan from Time Outside Nature Walks knows all about the cultural heritage and natural diversity along the Waterford Greenway. He will bring you out and about to an eye opening tour through stunning nature and fascinating history.
- Who** Primary school pupils (5th/6th class), secondary school students (JC)
Bring comfortable walking shoes and dress for the weather.
- Booking** Booking required: 051 302037 or email ereade@wit.ie
- Social**  @Time-Outside-Nature-Walks





The Living River**Paul Carroll, Waterford City & County Council**

- Where** Dunhill Constructed Wetlands, Dunhill (250 m from the village)
<https://goo.gl/maps/mTdV6yEhWsD2>
- When** 11:00 am – 12:00 pm
- What** There is a hidden world of wonderful small creatures living in the streams and rivers around us. Participants will get a chance to marvel at special skills of water bugs and other creatures, find out what they tell us about the health of the river environment and see how to harness the power of nature to keep our world clean.
- Who** Primary school pupils (5th/6th class), secondary school students (JC)
- Booking** Booking required: 051 302037 or email ereade@wit.ie
- Social**  @WaterfordCouncil  @waterfordcouncil
- Website** <http://www.waterfordcouncil.ie>

Friday, 25th May 2018**Wonderful World of Feathers****Eric Dempsey, Birds Ireland**

Where	Carlow Institute of Technology https://goo.gl/maps/zaBJ1e3TyD2
When	10:00 – 11:00 am 12:00 – 1:00 pm
What	Eric Dempsey, author and award-winning broadcaster, will introduce students to the exciting birds of Ireland. With an entertaining, inspiring and fun talk Eric ‘The Birdman’ will capture the audience and explain about the many unusual and interesting adaptations of Irish birds.
Who	Primary school pupils (3 rd – 6 th class)
Booking	Booking required:
Social	 @EricTheBirdman  @birdsireland
Website	http://birdsireland.com

The Rocky History of the Copper Coast**Robbie Galvin, Copper Coast Geopark**

Where	Tramore Library https://goo.gl/maps/HTgbx9HwWno
When	10:30 – 11:30 am
What	Learn about how the Earth’s climate has changed over millions of years and how these changes are reflected in the rocks and landscape of County Waterford. Robbie Galvin, Copper Coast Geologist, will guide the pupils through an interactive workshop and presentation on both geological time and environmental change.
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