

SOUTHEAST SCIENCE FESTIVAL 2018

The Southeast Science Festival takes place from 5-18 November 2018 and is the regional celebration of National Science Week (11-18 November 2018). The festival is coordinated by Calmast, the STEM (science, technology, engineering and maths) Outreach Hub for the Southeast at Waterford Institute of Technology and brings top scientists and science presenters from Ireland and abroad to counties Kilkenny, Tipperary, Wexford and Waterford.

Programme

Please find attached the Southeast Science Festival Programme for Primary Schools in the Southeast.

The complete programme is available on www.calmast.ie and www.sfi.ie

Follow us on social media to find out about our public events:

Twitter: @CalmastWIT

Instagram: @CalmastWIT

Facebook: @CalmastSTEMhub

Booking

All events are free but booking is essential since places are limited.

Please contact Eleanor Reade, School of Science, WIT to book a workshop or show unless specific contact details are given: 051 302037 or email ereade@wit.ie

Photo and video consent

Please note that all events will be photographed and/or videoed. All photos and videos are intended for non-profit use to promote STEM (science, technology, engineering and maths), this includes promotion on social media. Pupils and teachers will not be named unless permission is given.

By booking, you are giving consent to photography and/or videoing. If you do not consent please let us know at the time of booking.

The REAL Science of the Circus

Presenter

James Soper, the Juggling Scientist

Audience

Primary school pupils, 4th-6th class

The Real Science of the Circus is a live science show like no other. Performed by James Soper, the juggling scientist, the show is a spectacular combination of top quality circus skill and science education. Spectacular juggling and balancing tricks show how forces work and combine when real circus performers show off their skill.

Waterford Institute of Technology, Auditorium

5 November 2018

10.00 am - 11.00 am

9 November 2018

9.30 am – 10.30 am

Dungarvan Town Hall Theatre

This event is supported by GSK: GSK STEM Ambassadors will present a selection of hands-on STEM activities before and after the show.

8 November 2018

9.45 am – 10.45 am

11.15 am – 12.15 pm



It takes guts

Presenter
London Science Museum

Audience
Primary school pupils, 3rd-6th class

Follow the journey of your food into your mouth, through the acid bath in your stomach, along metre after metre of pulsating guts, and then... out the other end! This show, featuring video footage of people's inside, is a gross, squirm-inducing demonstration of why exactly your poo is brown.

Waterford Institute of Technology, Auditorium

13 November 2018

9.45 am – 10.45 am

11.15 am – 12.15 pm

Watershed Kilkenny

14 November 2018

9.45 am – 10.45 am

11.15 am – 12.15 pm



In a Spin

Presenter

Dr Ken Farquhar

Audience

Primary school pupils, 4th-6th class

Dr Ken is a World juggling champion, soap bubble chemist and international science performer. His unique show 'In a Spin' is about all things that spin and features bizarre bicycles, unmissable golf putters and yo-yo's that always come back! Join Dr Ken at WIT this year to learn all about the science of spinning – and you might even get a hands-on experience as Dr Ken's volunteer during the show!

Waterford Institute of Technology, Auditorium

14 November 2018

9.45 am – 10.45 am

11.15 am – 12.15 pm



The Bubble Show

Presenter

London Science Museum

Audience

Primary school pupils up to 2nd class

The Bubble Show is the London Science Museum's most popular show. This amazing spectacle features bubbles of all sizes going up, down, this way, that way, and all over the place... with a little help from the audience! Find out the secret Science Museum bubble recipe, learn how certain materials can change the way others behave, and step inside the famous human bubble.

Waterford Institute of Technology, Auditorium

15 November 2018

9.45 am – 10.45 am

11.15 am – 12.15 pm

12.45 pm – 1.45 pm



Using Maths to Win Games

Presenter
Dr Kieran Murphy

Audience
Primary school pupils, 5th/6th class

This fun and interactive workshop run by maths lecturer Dr Kieran Murphy explores the ideas behind combinatorial games – games where two players take turns trying to outsmart each other (Nim, Take-Away Game, The Poisoned Chocolate Game). Participants will be introduced to the fundamentals behind such games before students can try out their own strategies to discover the best strategy for winning. This session will frame mathematics in a positive light and will allow participants to be at ease with fun maths games.

Waterford Institute of Technology, FTG25 – meet in WIT Atrium

15 November 2018

11.00 am – 12.00 pm

12.30 pm – 1.30 pm



Force of Course

Presenter
W5 Belfast

Audience
Primary school pupils, 5th/6th class

W5's interactive show brings fun and learning together. This show covers all about forces in a variety of fun and interactive demonstrations. Explore Newton's Three Laws of Motion in this show using simple items like balloons, a football, a cat flap and some really high-tech gadgetry!

Waterford Institute of Technology, Auditorium

16 November 2018
9.45 am – 10.45 am



The Rocky History of the Copper Coast

Presenter

Robbie Galvin, Copper Coast Geopark

Audience

Primary school pupils

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.

This activity is part of The Atlantic Geotourism Route project which is co-funded by the ERDF.

At your school.

Booking via Copper Coast Geopark.

Please call Robbie Galvin, 087 1731034 or email robbie@coppercoastgeopark.com to arrange a visit.

