

# CHELTENHAM

## Science Festival

4–9 June 2019

Book online:  
[cheltenhamfestivals.com/  
scienceforschools](http://cheltenhamfestivals.com/scienceforschools)

in association with

A vibrant illustration of four children and a dog on a grassy hill at night, looking up at a starry sky. One child in a blue jacket is using a telescope. The sky is filled with colorful streaks and starbursts in shades of blue, green, and white. The children are dressed in colorful clothing: blue, white, yellow, and red. A grey dog is sitting next to them. The foreground shows dark silhouettes of grass and foliage.

**HOME  
EDUCATORS**

# Planner

	10am	11am	12noon	1pm	2pm	3pm	
<b>TUESDAY</b>							
Town Hall, Main Stage		SS39 Invisible Worlds		SS05 Mysterious Moons			
The Crucible	SS04 Fossil Frontiers		SS40 Periodic Success				
Discover Zone							
MakerShack							
<b>WEDNESDAY</b>							
Town Hall, Main Stage	SS41 Brain Hacker		SS42 Ridiculously Rapid Reactions				
The Crucible	SS01 Ted's Moon Adventure		SS02 A Weird And Wonderful World				
Discover Zone							
MakerShack							
<b>THURSDAY</b>							
Town Hall, Main Stage		SS15 Animal Top Trumps		SS17 Deep Ocean Lab			
The Crucible	SS14 Elemental Science			SS16 Bakeengineering In Space			
Helix Theatre		SS03 Bubbly Maths					
The Cube						SW47 Oil Spill Clean Up	
Discover Zone							
MakerShack							
<b>FRIDAY</b>							
Town Hall, Main Stage	SS29 The Science Of Roald Dahl			SS30 Guts And Gases			
The Crucible	SS46 KS4 Day: Creating Your Future						
The Cube						SW48 School Of Noise	
Discover Zone							
MakerShack							
	10am	11am	12noon	1pm	2pm	3pm	

**Age Groups:** ■ 5-7 (Show) ■ 7-11 (Show) ■ 7-13 (Workshop) ■ 11-14 (Show) ■ 14-16 (Career Event)

Free Bookable Activity

# Welcome

A warm welcome to Science for Schools 2019. We have four action-packed days for children and young people, which promise to excite and inspire in equal measure.

We have now published our Science for Schools brochures for both Primary and Secondary - you can find them online at [cheltenhamfestivals.com/scienceforschools](http://cheltenhamfestivals.com/scienceforschools)

As always you are welcome to book tickets for any of the school shows and you can complement your visit with a session in either the Discover Zone or the MakerShack as an interactive free activity.

Please note that the Day Packages and workshops taking place during the school day are reserved for school groups, but we do have two dedicated workshops reserved for you - read on to find out more.

Discover exciting new areas of science as we explore how to keep our bodies and oceans healthy, celebrate the secrets of the periodic table, join the hunt for life beyond Earth and so much more.

We look forward to seeing you in June!

**Elsbeth Kenny**  
Education Manager

**Lizzy Goodger**  
Schools and Family Programme  
Manager

## Science for Schools contacts

If you would like to contact a member of the Education Team, call or email us at:  
[education@cheltenhamfestivals.com](mailto:education@cheltenhamfestivals.com)

Elsbeth Kenny 01242 537 250

Rose Wood 01242 537 268

## A word from our In Association Partner



EDF Energy is delighted to be partnering with Cheltenham Science Festival, and to continue supporting the Science for Schools programme.

We are passionate about engaging young minds through science through this extensive programme and Cheltenham Festivals' ambitious year-round activities for schools. We hope inspiring as many children and young people as possible will lead to many brilliant future careers in STEM.

**Brian Cowell**  
Managing Director -  
Generation, *EDF Energy*

## Education Programme Partners



# Workshop Opportunities For Home Educators

THURSDAY 6 JUNE 2019



**Suitable for ages 7-13**  
SW47 **3.15–4.15pm**

## Workshop: **Oil Spill Clean Up**

**The Cube**  
**£6.50** per pupil

There's been an oil spill crisis and you've been called in to help! In this race against time, join marine biologist **Russell Arnott** as you problem solve your way to a cleaner ocean. Explore what oil is, why it is important and the environmental impacts of our reliance on oil. There are prizes to be won and an explosive finale.

[incredibleoceans.org](http://incredibleoceans.org) / [@Russell\\_Arnott](https://twitter.com/Russell_Arnott)

# Workshop Opportunities For Home Educators

FRIDAY 7 JUNE 2019

# SCHOOL *of* NOISE

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**Suitable for ages 7 - 13**  
SW48 **3.15–4.15pm**

## Workshop: **School Of Noise**

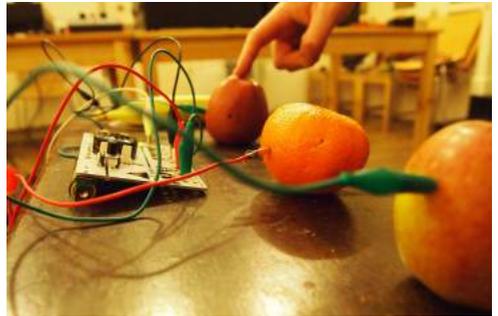
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**The Cube**  
**£6.50** per pupil

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Come on a musical voyage and explore the science of sound with the **School of Noise**. Experiment with noise-making and sound sculpting machines such as the theremin and omnichord, observe beautiful Chladni patterns in sand and conduct your own orchestra of fruits and vegetables. No prior musical experience is needed in this hands-on exploration of acoustics.

[schoolofnoise.com](http://schoolofnoise.com) / [@schoolofnoise](https://twitter.com/schoolofnoise)



# FAQs

## How do I book tickets?

Go to [cheltenhamfestivals.com/scienceforschools](http://cheltenhamfestivals.com/scienceforschools) and complete the booking form for Home Educators. **Booking opens 8am on Tuesday 5 February 2019.** Please be aware there will be a £2 booking fee applied to each order.

## What happens next?

1. We will review your booking form, and will be in touch to discuss alternative options if any of your choices are unavailable.
2. You will receive a formal booking confirmation via email with details about payment methods.
3. You will receive your ticket document, a site map, and detailed information about your visit when you have paid for your tickets.

## How do we get to the Festival?

For full details about arriving, parking, getting to venues and more, go to [cheltenhamfestivals.com/education/planning-your-visit](http://cheltenhamfestivals.com/education/planning-your-visit)

## Find out more about our Gloucestershire Schools Christmas Lecture

A spectacular STEM show suitable for ages 12-14 to inspire and engage inquisitive young minds. [cheltenhamfestivals.com/gloslecture](http://cheltenhamfestivals.com/gloslecture)

*Supported by The Honourable Company of Gloucestershire*



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Illustration by Tim Hopgood

