

**THE SOMERSET SCIENCE FESTIVAL**  
IN A FIELD OF ITS OWN

**SOMERSCIENCE FESTIVAL**  
May 1st 2023  
10am – 6pm  
CASTLE CARY & BRUTON  
www.somerscience.co.uk

**FREE ENTRY**

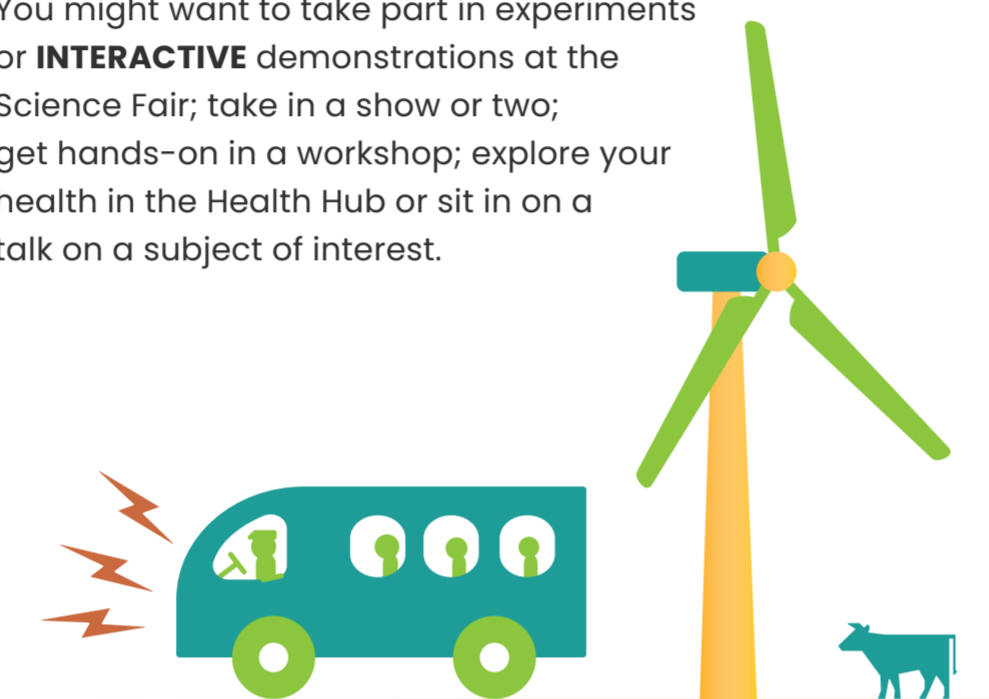
INTERACTIVE SCIENCE FAIR!  
FUN FOR ALL THE FAMILY!  
EXCITING SHOWS!  
FAMILY WORK SHOPS!  
TOURS & TALKS

# WELCOME TO SOMERSCIENCE

The first **STEM** festival in rural Somerset. We aim to inform, engage and inspire you with the possibilities of science and technology for Somerset and for your future, with plenty of family fun along the way.

The whole programme is **FREE** with no tickets required. Just turn up at Castle Cary or Bruton and create the day **YOU** want, using this programme, our friendly event assistants and our free environmentally-friendly circular shuttle buses to help you.

You might want to take part in experiments or **INTERACTIVE** demonstrations at the Science Fair; take in a show or two; get hands-on in a workshop; explore your health in the Health Hub or sit in on a talk on a subject of interest.



Get up close and personal with **ROBOTS**; discover how the **SUN** works; find out about the future of **TRANSPORT**; interact with the **OCEANS**; understand how **SUSTAINABILITY** is shaping business and research or marvel at our **SCIENCE CIRCUS** and **BRAINTASTIC SHOWS**. Whatever your interest there is something for you.

## VENUE KEY

- The Market House – BA7 7AH
- Donald Pither Field – BA7 7LB
- Science Fair Stage – BA7 7LB
- Carymoor Environmental Centre – BA7 7NR
- Ansford Academy – BA7 7JJ
- Caryford Hall – BA7 7JJ
- Wyke Farms Centre – BA4 6NX
- Mill on the Brue – BA10 0BA
- Kings Bruton – BA10 0ED
- St Mary's Church – BA10 0EB
- Bruton Community Hall – BA10 0EB
- Bruton Unionist Club – BA10 0HQ

CHILD FRIENDLY  
BEST FOR 15+

# OUR SPONSORS

Thanks to our **MAIN** sponsors below:

## ASSOCIATE SPONSORS

## BROCHURE SPONSORS

**FOLLOW US:** @somerscience

Don't forget to tag us in your posts! #somerscience

## THE SCIENCE FAIR

Hosted at **VENUE 2** between **10am – 6pm** unless shown differently below.

Great British Take-Off		Incredible Oceans Science Dome	
Outreach Interactive		Mars Maze	
Met Office Education Outreach		Swarm Robotics Game	
<b>1</b> Tiny Robots for Bowel Cancer Detection		Animal Diagnostics	
The Poo Detectives		The RSPCA & Animal Welfare Through Time: 1824 to Present	
A Day in the Life of an Antarctic Researcher		Interactive Maths	
Royal Navy STEM Engagement		<b>1</b> Defeating Snake Venom	
Science on Stilts		The Wonderful World of Water	
Rocks and You		Do Try This At Home!	
The Future of Food/Careers Q and A		CRISPR to the Rescue - Defending Bacteria and Editing DNA	
STEM on the Railways		<b>1</b> Lego Education	
STEM in Ecology and Conservation		My Future with Thales UK	
Creating a New Science Centre		Engineering at Yeovil College	
Dairy Innovation		Making a Simple Battery	
Leonardo		Meet the Team Behind Hinkley Point C: Somerset's Nuclear Power Station	
STEM Learning Educator Lounge		Interactive Stand	
Interactive Chemistry		Microscope Marvels	
<b>1</b> The World of Fibre Optics and Photonics			

## WORKSHOPS

<b>4</b> Sustainability in Action at the Carymoor Visitor Centre.		10am-12pm; 1pm-3pm
<b>9</b> Greenpower Challenge		10am – 2pm
<b>5</b> Build Your Own Eco-brick		11am
<b>5</b> Science and Creativity – Linking Science and Art		12pm
<b>1</b> Deep Time Walk – A Walk Through the Story of the Earth		12pm
<b>11</b> Assembling and Coding a Robot		12pm
<b>7</b> Green Energy in Cheesemaking		12pm-4pm
<b>5</b> Build Your Own Eco-brick		1pm
<b>11</b> Mathematical Modelling: Hands-on Practical Problem Solving		1pm
<b>5</b> How to Be a Feminist		2.30pm
<b>8</b> Sustainability Tour		11am – 3pm on the hour
<b>11</b> Mathematical Modelling: The Mathematics of Sustainable development		4pm
<b>5</b> Science and Creativity – Linking science and Art		4.30pm

## SHOWS

<b>6</b> Juanita's Big Problem		10am
<b>6</b> Juanita's Big Problem		12pm
<b>3</b> I'm A Scientist – Get Me Out of Here		12pm
<b>6</b> That's Non-Sense!		1.45pm
<b>3</b> TCS' goIT Somerscience Festival Challenge Awards		2pm
<b>6</b> Hack Your Brain		3pm
<b>3</b> I'm A Scientist – Get Me Out of Here		3pm
<b>6</b> Operation Earth		5pm

## TALKS

<b>11</b> Healthcare Science at the Heart of Patient Care		10am
<b>1</b> Restoring the World's Only WW2 Fairey Barracuda		10am
<b>3</b> Welcome to Somerscience		11am
<b>10</b> How to Measure the Success of No-Dig Gardening Methods		11am
<b>1</b> Tiny Robots for Early Cancer Detection – The Development Project		11am
<b>10</b> Is Environmental Disaster and Ecological Collapse Inevitable?		12pm
<b>1</b> Exploding Volcanoes		12pm
<b>3</b> Climate Change and Our Ocean		1pm
<b>1</b> The Future of Food		1pm
<b>10</b> Discovering and Developing New Prostate Cancer Treatments		1pm
<b>11</b> Prosthetics, Orthotics & Virtual Reality		2pm
<b>1</b> Quantum Computing		2pm
<b>10</b> Trust Me – I'm a Heart Surgeon		2pm
<b>10</b> Rock & Roll Mathematics – Mathematical Modelling in the Real World		3pm
<b>1</b> How Does the Sun work?		3pm
<b>3</b> From Dinosaurs to Dolphins: How Whales Lost Their Legs		4pm
<b>1</b> Antibiotic Discovery in the Abyss		4pm
<b>10</b> Net Zero Aviation		4pm
<b>10</b> From Dark Matter to Electronic Noses: Using Synthetic Proteins to Build New Technologies		5pm
<b>3</b> A Day in the Life of an RSPCA Vet		5pm
<b>1</b> Fibre Optics in Aviation		5pm

## HEALTH HUB

Hosted at **VENUE** between **10am – 6pm** **12**

STEM At The Heart of the NHS	
Healthcare Science in the South West	
Lab Scientists at the Heart of Patient Care	
Neurophysiology Demo – Live EEG	
Healthcare Science Careers and Training	
Diagnostics and Radiography	
Meet UWE Alumni in Biosciences & Engineering	
Fit for My Future	
Wrestling Robots and Minecraft Engineering Applied to Healthcare Science	
Military Step Into Health	
SW Return to Practice Campaign	

## SOMERSCIENCE HQ & WELCOME CENTRE

Hosted at **VENUES 1 11** **9am – 6pm**

- Information
- First Aid
- Refreshments
- Lost Children

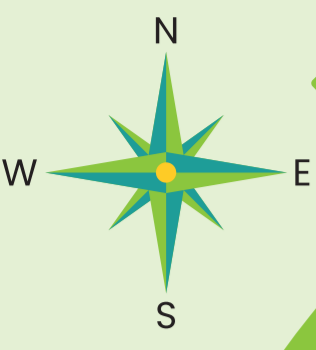


# BRUTON








# CASTLE CARY

# VENUE MAP

PLEASE NOTE MAP IS NOT TO SCALE\*



### MAP KEY

-  Parking
-  Toilets
-  Food outlet
-  Pubs
-  - Information  
- First Aid  
- Refreshments  
- Lost Children
-  Fuel Stations
-  Shuttle Bus Stop

Castle Cary Train Station

Ansford Academy

Wyke Farms Visitor Centre

MILL ON THE BRUE  
outdoor activity centre

Bruton Community Hall

Bruton Unionist Club

Bruton Train Station

Exhibitor parking only

Caryford Hall

Kings Bruton

St Mary's Church

Donald Pither Field

Stage

THE DOVECOTE

Market House

LODGE HILL

The Newt in Somerset

Carymoor Environmental Trust

WYKE FIELDS

PUBLIC FOOTPATH

HIGH STREET

A359

PARK WALL

TORBAY ROAD

STATION ROAD

WOODCOCK ST

NORTH STREET

PARK ROAD

WINCANTON

BRISTOL

SOMERTON

FROME

COOPER'S ASH LN

SPARKFORD

A303

A371

RIVER BRUE

WYKE ROAD

WYKE ROAD

B3081

A371

A359

B3152

B3152

B3152

B3081

12

11

9

10

5

6

8

2

3

4

7

1