

THE SOMERSET SCIENCE FESTIVAL 2024
SOMER SCIENCE
 IN A FIELD OF ITS OWN

FREE ENTRY

SOMERSCIENCE FESTIVAL
 May 6th 2024
 10am – 5.30pm

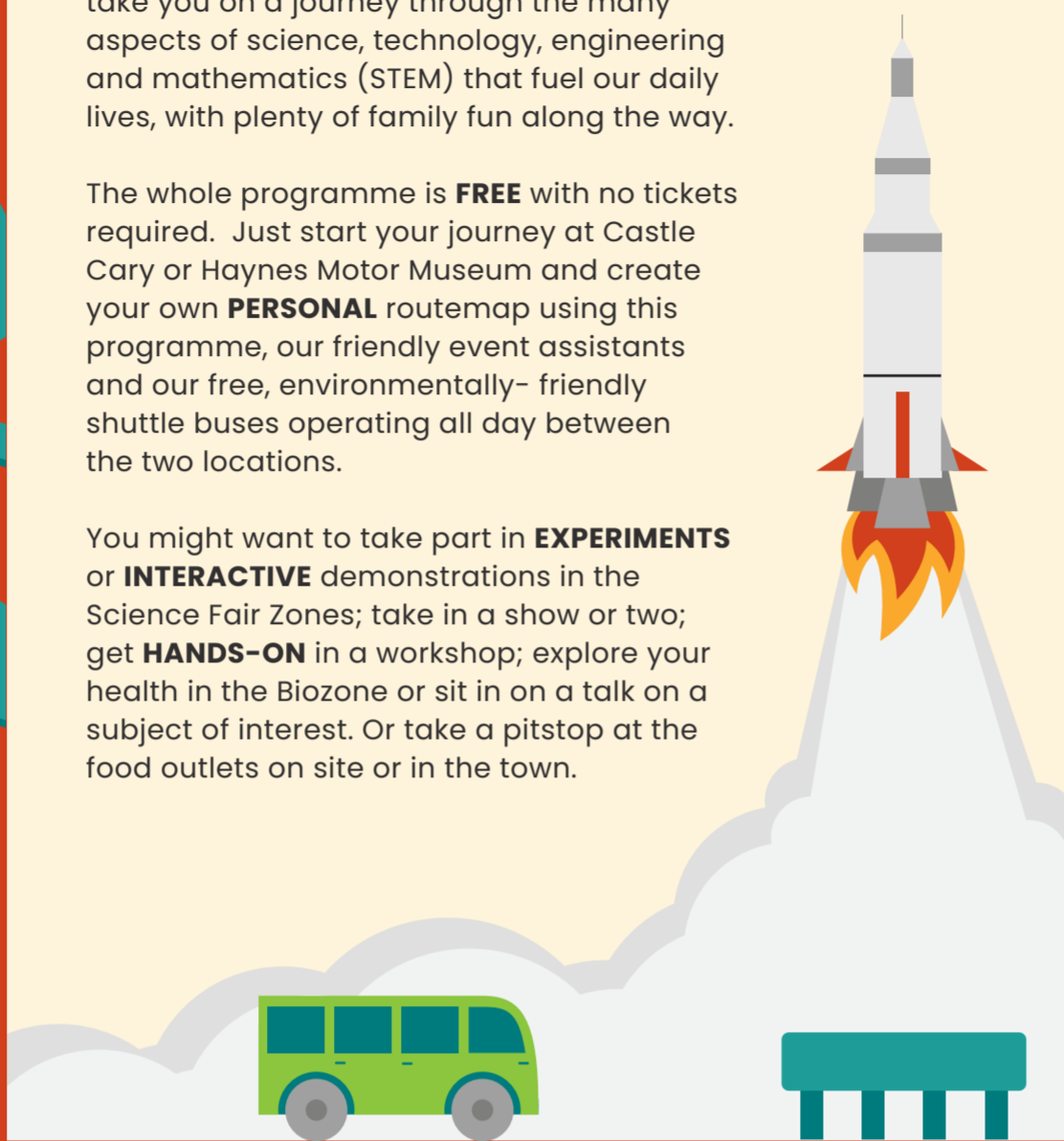
CASTLE CARY & SPARKFORD
 www.somerscience.co.uk

GET ON BOARD FOR SOMERSCIENCE 2024

As Somerset's only rural **STEM** festival we take you on a journey through the many aspects of science, technology, engineering and mathematics (STEM) that fuel our daily lives, with plenty of family fun along the way.

The whole programme is **FREE** with no tickets required. Just start your journey at Castle Cary or Haynes Motor Museum and create your own **PERSONAL** routemap using this programme, our friendly event assistants and our free, environmentally- friendly shuttle buses operating all day between the two locations.

You might want to take part in **EXPERIMENTS** or **INTERACTIVE** demonstrations in the Science Fair Zones; take in a show or two; get **HANDS-ON** in a workshop; explore your health in the Biozone or sit in on a talk on a subject of interest. Or take a pitstop at the food outlets on site or in the town.



VENUE KEY

HAYNES MOTOR MUSEUM **CASTLE CARY & BRUTON**

- | | |
|-------------------------------|--|
| 1 Merlin Room 1 - BA22 7LH | 9 Market House - BA7 7AH |
| 2 HAYNES stage - BA22 7LH | 10 Undercroft - BA7 7AH |
| 3 Merlin Reception - BA22 7LH | 11 Caryford Hall - BA7 7JJ |
| 4 Merlin Room 2 - BA22 7LH | 12 Ansford School 1 - BA7 7JJ |
| 5 Main Reception - BA22 7LH | 13 Ansford School 2 - BA7 7JJ |
| 6 Napier - BA22 7LH | 14 Carymoor Environmental Centre - BA7 7NR |
| 7 Meadows Suite - BA22 7LH | 15 Mill on the Brue - BA10 0BA |

Put your pedal power to the test, see what's involved in heritage **CAR MAINTENANCE**, hear how healthy your feet are, discover the science behind bubbles, explore the **UNIVERSE** and the oceans in our very own space & ocean domes, play **IMMUNOLOGY** chess, find out what time it is on **MARS** and whether we can talk to animals.

Whatever your interest we'll put you in the driving seat towards your **STEM** destination.

STEM THIS WAY

Buses from **CARYFORD HALL** via **MARKET HOUSE** to **HAYNES** and back

OUR SPONSORS

Thanks to our **MAIN** sponsor:

THALES
 Building a future we can all trust

ASSOCIATE SPONSORS



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TALKS

2	The Science of Hinkley		10am
2	Exploring the Deep		11am
2	Our Wild World		1pm
2	Myths & Legends of the Sea		4pm
6	Can Mathematics Teach Computers to Talk?		1:30pm
6	Own Your STEM Destiny		2:30pm
6	Inspiring the Next Generation of Scientists		4:30pm
9	AI: Computing and Humanity's Future		10am
9	Can We Talk to Animals?		12:30pm
9	What Time is it on Mars?		1:30pm
9	How Can Maths Help Create a Sustainable Future?		2:30pm

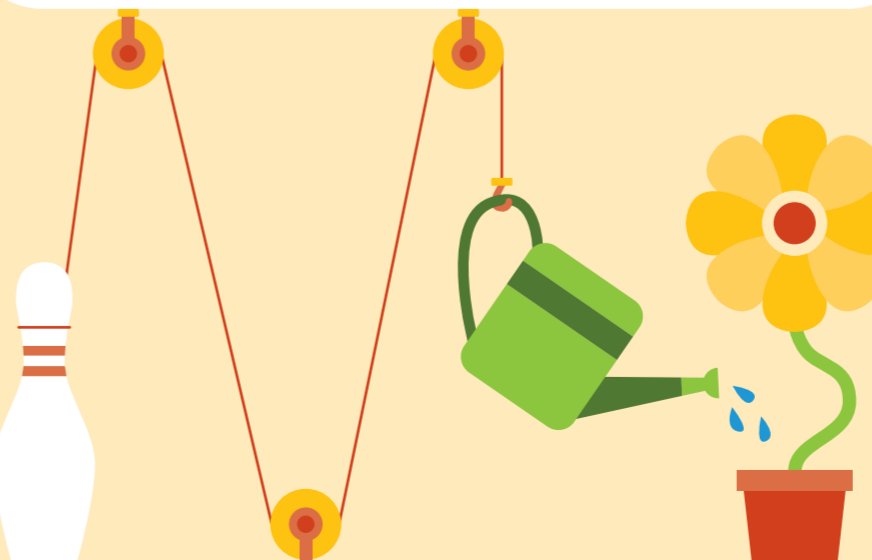
BIOZONE

Hosted at **CARYFORD HALL** – 10am to 5.30pm **11**

Teddy Bear Hospital/Discover NHS Careers	
Biology in Action	
Killer Fungus	
Fishtastic Science	
Using Stem Cells to Understand Disease	
Festival of Pharmacy	
The Tape of Life	
Endless Insects	
The Science Behind Life-Saving Stem Cell Transplants	
Healthcare Science & Biomedical Science Careers & Training in the SW	
What Does Working in an NHS Pathology Lab Look Like?	
We Can Hear Your Foot Health!	
Build a Cell with Playdoh; Take the Microscope Challenge	
Hands On Science - Immunology Chess & Dr Snot	
Reimagine Bristol and Bath with Minecraft, or Program our Robots!	

SHOWS

2	TCS App Challenge Finale		12pm
2	Ask Me Anything		2pm
2	Putting the Wow Back into Science		3pm
4	Family Space Show		10:30; 11:30am; 1:30; 2:30pm
6	The Great Debate: Can Somerset Become the UK's Green Tech Hub - Sarah Dyke MP Chairs an Industry Panel		3:30pm
12	Eat Me, Drink Me		10:30am
12	Chemistry Lab Adventures		12.30pm
12	Eat Me, Drink Me		1.45pm
12	Chemistry Lab Adventures		3pm



WORKSHOPS

6	Membranes for Water Filtration		10:30am
6	Keep IT Safe		11:30am
9	Robotics 101: Build and Program		11:30am
9	Maths for a Sustainable Future		3:30pm
13	Through the Looking Glass		11:45am
13	Cyber Risk Awareness and Cyber Security Challenge		1pm
13	Through the Looking Glass		3pm

SATELLITE ACTIVITIES

15	How Healthy is The Brue		10:30am - 12.30pm; 1:30pm - 4.30pm
15	Eco Hunt around MOTB		10:30am - 12.30pm; 1:30pm - 4.30pm
15	Great Height Egg Drop		10:30am - 12.30pm; 1:30pm - 4.30pm
14	Wildlife and Sustainability at Carymoor		10:30am; 12pm; 2pm

THE SCIENCE FAIR

HOSTED AT HAYNES MOTOR MUSEUM

10AM - 5.30PM

NATURE & POWER ZONE

Hosted at **MERLIN ROOM 1**

- Chemical Engineering: Turning Raw Materials into Everyday Products
- UWE Applied Sciences Hands-On Activities
- Kitchen Sink Chemistry
- From molecules to living organisms
- Nature Recovery Network
- The Wonders of Physics
- The Future of Food
- 200 years of Animal Action!
- Hinkley Point C: Helping Britain Achieve Net Zero
- Build a Henry Vacuum Cleaner
- Put Your Pedal Power to the Test/Virtual Reality Helicopter
- Leonardo
- Engineering with Thales
- Engineering at Yeovil College
- Heritage Engineering and Maintenance
- Cyber First Schools
- Wyke Farms 100% Green: Turning Farm and Dairy Waste into Energy

Hosted at **MERLIN RECEPTION**

- Welcome to Somerscience
- Tell Us What You Think

Hosted at **HAYNES RECEPTION**

- Family Space Shows
- Haynes Cutaway Car

Hosted at **THE UNDERCROFT**

- Our World from Space

OUTDOOR ATTRACTIONS

Hosted at **THE PADDOCK**

- Royal Navy STEM Engagement
- The Great British Take-off
- Immersive Ocean Dome
- Mapping the Oceans
- Numatic Vehicle
- Small But Mighty
- Greenpower Car
- Racing Car Display

NUMBER & TECH ZONE

Hosted at **MEADOWS SUITE**

- The Science of Soapfilm and Bubbles
- The Measure of all Things
- Diagnostic Imaging
- Science & Technology at Bournemouth
- Small World: Life under the Microscope
- Keeping Pilots & People Safe in the Air
- Science For All: From Mars to Humans
- Interactive Maths



- HQ** - Information, First Aid, Lost Children
- Wheelchair Access
- Toilets
- Food outlet
- Electric Vehicle Charging
- Shuttle Bus Stop
- Parking

SCHOOLS ZONE

Hosted at **MERLIN ROOM 2**

- Science at Manor Court
- Brainpower
- STEM Club at Oakfield
- Automotive & Engineering Guidance
- Explore the wonders of STEM at Strode
- Educator Zone
- Pin the Carrot on the Plant/RSB

CASTLE CARY

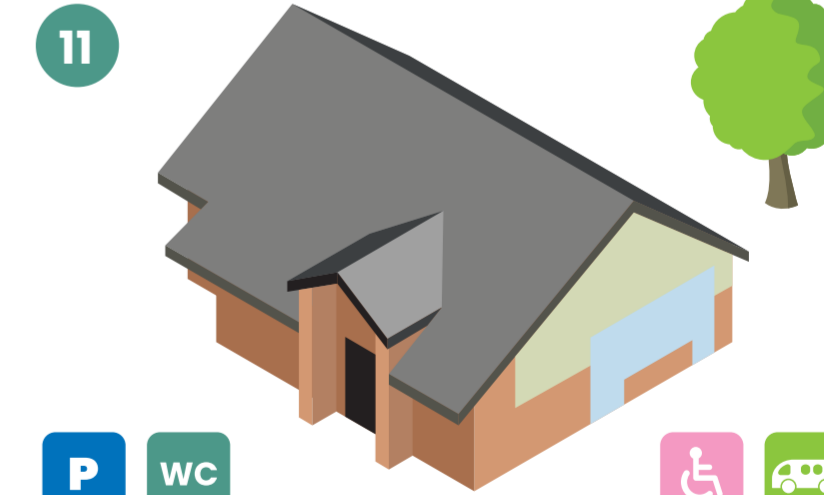


THE MARKET HOUSE & UNDERCROFT

TALKS AND WORKSHOPS HERE >

ANSFORD ACADEMY

SHOWS AND WORKSHOPS HERE >



CARYFORD HALL

BIOZONE HERE >

Carymoor Environmental Trust **14** WILDLIFE & SUSTAINABILITY TOURS

MILL ON THE BRUE outdoor activity centre **15** SATELLITE ACTIVITIES HOSTED IN BRUTON