

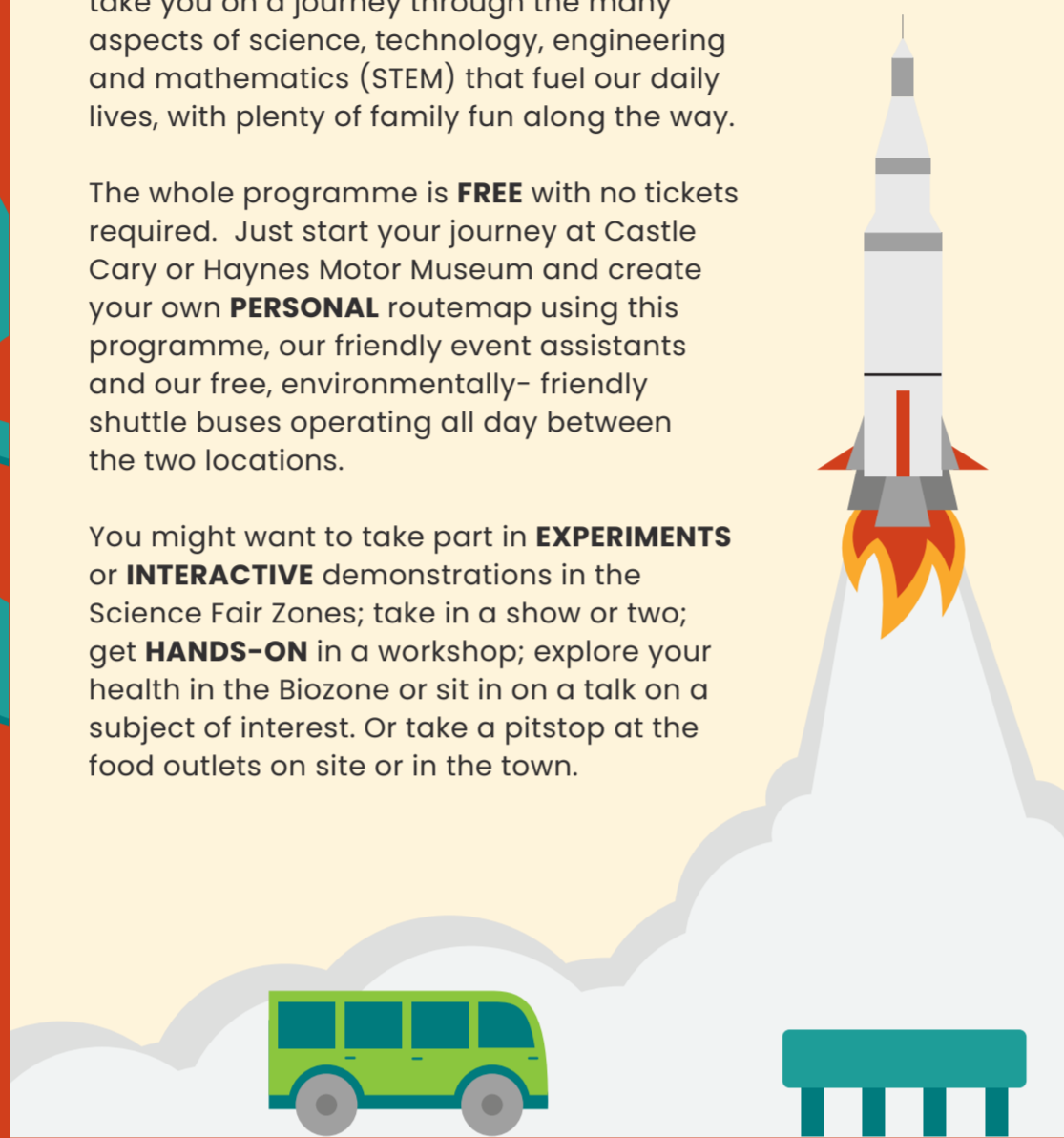
**SOMERSCIENCE FESTIVAL**  
May 6th 2024  
10am – 5.30pm  
CASTLE CARY & SPARKFORD  
www.somerscience.co.uk

## 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

- |                               |  |
|-------------------------------|--|
| <b>HAYNES MOTOR MUSEUM</b>    | <b>CASTLE CARY &amp; BRUTON</b>            |
| 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             |
| 8 The Paddock – BA22 7LH      |  |

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

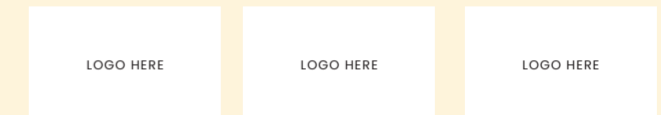
Thanks to our **MAIN** sponsor:



## ASSOCIATE SPONSORS

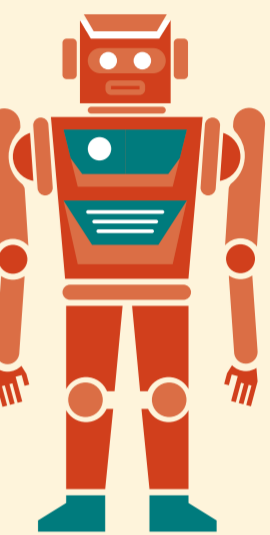


## BROCHURE SPONSORS



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



## 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	Lessons in Biology: 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

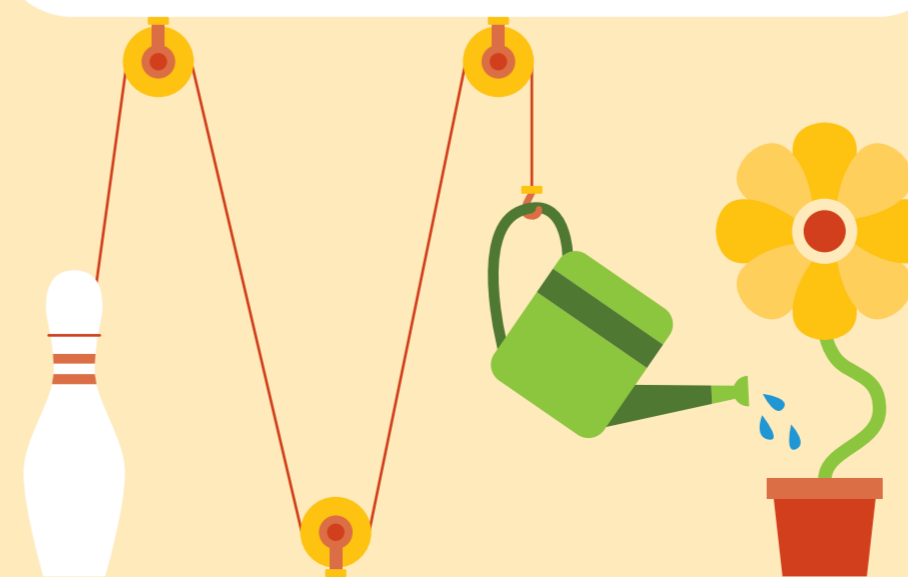
## BIOZONE

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

Teddy Bear Hospital	
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
12	Eat Me, Drink Me		10:30am
12	Ask Me Anything (Health & Bio)		11:30am
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**

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



Heritage Engineering and Maintenance



Hosted at **MERLIN RECEPTION**

3

Wyke Farms 100% Green: Turning Farm and Dairy Waste into Energy



Hosted at **HAYNES RECEPTION**

5

Family Space Shows



Haynes Cutaway Car



Hosted at **THE UNDERCROFT**

10

Our World from Space



## OUTDOOR ATTRACTIONS

Hosted at **THE PADDOCK**

8

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 **MERLIN RECEPTION**

3

Cyber First Schools



Hosted at **MEADOWS SUITE**

7

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



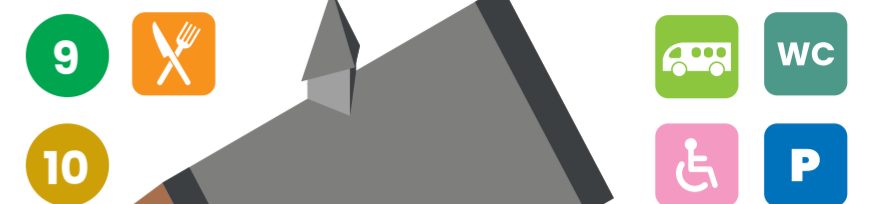
Bristol Robotics Laboratory



Interactive Maths



# CASTLE CARY



## THE MARKET HOUSE & UNDERCROFT

TALKS AND WORKSHOPS HERE >

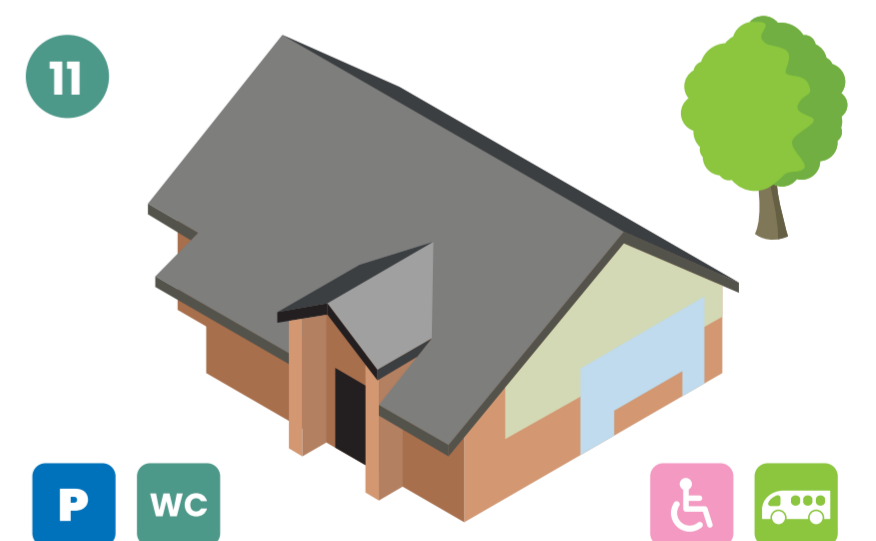
12 13

## ANSFORD ACADEMY

SHOWS AND WORKSHOPS HERE >



11



## CARYFORD HALL

BIOZONE HERE >



## SCHOOLS ZONE

Hosted at **MERLIN ROOM 2**

4

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



Carymoor Environmental Trust 14

WILDLIFE & SUSTAINABILITY TOURS

MILL ON THE BRUE outdoor activity centre 15

SATELLITE ACTIVITIES HOSTED IN BRUTON

**HQ** - Information  
- First Aid  
- Lost Children

Wheelchair Access

**WC** Toilets Shuttle Bus Stop

Food outlet **P** Parking

