

# WELCOME

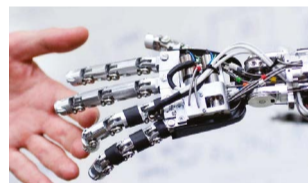
This weekend, enjoy free events from Imperial College London, the Natural History Museum, Royal College of Music, Science Museum, V&A, Royal Albert Hall and many more in South Kensington – the home of science and the arts.

SEE THE PINK BOXES THROUGHOUT FOR OUR AGE RECOMMENDATIONS

This is only a small selection of the events happening at the Great Exhibition Road Festival. Visit our website for the full programme: [www.exrdfestival.com](http://www.exrdfestival.com)

## ZONES

Explore our themed spaces packed full of interactive exhibits, live demos and creative workshops. Open all day from 12.00–18.00.



### SMART MACHINES

From robotic friends and revolutionary tech to smarter AI, explore how humans and machines will interface, interact and influence the future!

### FUTURE FOOD

What will our future fridge contain? Discover the future of food and what it means to us.



### FAMILY FUN

Meet scientists, engineers, artists and inventors and try out awesome activities, games, makes and experiments especially created for families.

### CREATIVE SCIENCE 18+

From the art of corrosion to climate change and mental health, discover the blurred lines between art and science and enjoy hangover-free cocktails.

### MEDICAL MARVELS

Through live demos and artistic depictions of future medicines, find out how new tech and science is helping to fight illness and disease.

See our full programme online at [www.exrdfestival.com](http://www.exrdfestival.com)

## TALKS AND DISCUSSIONS

Everyone is welcome to attend our talks and discussions, but most are intended for an adult audience 16+

### MOMENTS OF WONDER

Hear about moments in time that captivated, inspired and mesmerised

Ondaatje Theatre, Royal Geographical Society

#### SATURDAY

**13.00–13.45**  
Rediscovering Black Portraiture  
**14.30–15.15**  
The Biggest Dinosaurs That Ever Lived  
**16.00–16.45**  
The Wonders Inside the Great Exhibition of 1851

#### SUNDAY

**13.00–13.55**  
20,000 Leagues Under the Sea: Revealing Earth's final frontier  
**14.30–15.15**  
The Brain on Drugs  
**16.00–16.45**  
The Moon and Me with Dr Maggie Aderin-Pocock



Attenborough Studio, Natural History Museum

**SATURDAY AND SUNDAY 14.30–15.00**  
The Great Exhibition: Explore the origins of the Great Exhibition of 1851 and how it led to the current festival we see today.

### ART OF SCIENCE TALKS

Enjoy talks on the inspiring people, projects and ideas that fuse science with the arts

G16 lecture theatre, Sir Alexander Fleming Building, Imperial College London

#### SATURDAY

**13.00–13.55**  
Moon Symphony: A musical journey through our solar system  
**14.30–15.15**  
The Korean Wave: The technology that propelled a global cultural phenomenon  
**16.00–16.45**  
Hidden Worlds: Unearthing the wonder of soil

#### SUNDAY

**13.00–13.55**  
Robotics and Science Fiction  
**14.30–15.15**  
Seven Material Wonders of the Ancient World  
**16.00–16.55**  
Uni-verses: Space poetry



### STORY LOUNGE

Experience awe and wonder first-hand through short inspirational stories

The Globe, Gallery 4, Europe 1600–1815 galleries, V&A

#### SATURDAY

**13.00–13.15**  
Our Universe and the Force Within  
**13.30–13.45**  
The Real Loch Ness Monster  
**15.00–15.15**  
Redesigning Childbirth  
**15.30–15.45**  
The Last Butterfly of Summer

#### SUNDAY

**13.00–13.15**  
Photographs: From silver particles to snapshots of history  
**13.30–13.45**  
Looking Up to Our Favourite Constellations  
**15.00–15.15**  
(Never) Too Old For Science  
**15.30–15.45**  
Transformation: Discovering the strengths of dyslexia

### FAMILY TALK

#### AM I MADE OF STARDUST? 8–12

Great Hall, Sherfield Building, Imperial College London

**SUNDAY 13.00–13.55**

*How long would it take me to fly to a star? What would happen if I fell inside a black hole? Would I get a phone signal in space?*

Join award-winning scientist and BBC broadcaster Dr Maggie Aderin-Pocock as she answers all the questions curious kids will ever have about the universe.

See our full programme online at [www.exrdfestival.com](http://www.exrdfestival.com)

## PERFORMANCES



### MAIN STAGE ALL

Presented by the Royal Albert Hall and the Royal College of Music

Exhibition Road

#### SATURDAY

**12.00** RCM Brass  
**13.15** Elye Cuthbertson  
**14.30** Jally Kebba Susso  
**15.45** All Day Breakfast Café  
**17.00** Tee Peters and the Working Class

#### SUNDAY

**12.00** Blues and Roots Ensemble  
**13.15** Albert's Band  
**14.30** The Higher Planes  
**15.45** Sam Eagle  
**17.00** Tee Peters and the Working Class

All performances last 45 minutes



### FAMILY STAGE 5+

Packed with interactive storytelling sessions and demonstrations for families from the Science Museum, V&A, Royal College of Music, Japan House London and more!

Family Fun zone, Prince's Gardens

#### SATURDAY

**12.00** STEM to the Beat  
**12.45** A–Z of Sound  
**13.30** STEM to the Beat  
**14.15** Greatest Hits Show  
**15.00** A–Z of Sound  
**15.45** Caribbean Tales  
**16.30** Greatest Hits Show  
**17.15** Albert's Band

#### SUNDAY

**12.00** Caribbean Tales  
**12.45** A–Z of Sound  
**13.30** Greatest Hits Show  
**14.15** Caribbean Tales  
**15.00** A–Z of Sound  
**15.45** Storytelling from Japan  
**16.30** Greatest Hits Show  
**17.15** Storytelling from Japan

All performances last 30 minutes

### PERFORMANCES AROUND THE FESTIVAL...



#### DANGOOR PLAZA BANDSTAND ALL

Dangoor Plaza, Imperial College London

Enjoy performances from the Royal College of Music, Imperial College London and local musicians.



#### AMAZING MOLECULAR SCIENCE SHOW 5+

LT200, City and Guilds Building, Imperial College London

**SATURDAY 13.00, 15.00, 16.30**  
**SUNDAY 13.00, 15.00, 16.30**  
(performance lasts 40 minutes)

Join us to explore the incredible world of molecules in this live interactive show for families.



#### SMART CELLS – AWE AND WONDER ALL

Junction where Imperial College Road meets Exhibition Road

**12.45 and 15.15 (lasts 15 minutes)**  
A dance inspired by the latest research into blood cancer.

## WORKSHOPS



#### ART OF CORROSION 18+

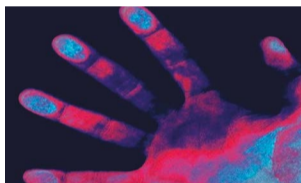
Creative Science zone, Royal Geographical Society  
**12.20, 13.30, 14.40, 15.50, 17.00**  
(each lasts 40 minutes)  
Unleash your artistic skills to create your own colourful metal keychain.



#### CREATE-A-CROWN ALL

**1** Exhibition Road

Dress to impress with a science-inspired crown-making workshop.



#### DNA ARTS SPACE ALL

**10** Exhibition Road

Explore the secrets found inside our DNA, and contribute to a hand-art mural celebrating its story of individuality and shared history.



#### UNI-VERSES: WRITE YOUR OWN SPACE POETRY ALL

**14** Imperial College Road

Create a poem with award-winning poets and scientists who explore the universe.



#### ATOM>LIGHT>DANCE: AN ATOMIC SILENT DISCO ALL

Great Hall, Sherfield Building, Imperial College London  
**SATURDAY 13.00, 15.00, 17.00**  
**SUNDAY 15.45, 17.00**  
(each lasts 45 minutes)

Don some headphones and hit the dance floor to discover how atoms absorb and emit light to colour our world.



#### CLIMATE PROTEST ARTSHOP ALL

**13** Imperial College Road

Create placards and banners to take out amongst the Festival crowds.

See our full programme online at [www.exrdfestival.com](http://www.exrdfestival.com)

### IMMUNITY INVESTIGATORS 7+

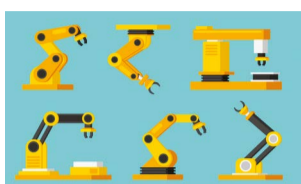
**13** Family Fun zone, Prince's Gardens

Cut, stick and draw with us and make a beautiful sun catcher, inspired by lymph nodes.

### UNDERGROUND, OVERGROUND 7+

**9** Exhibition Road

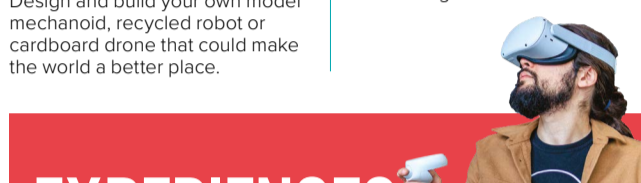
Celebrate the wonder of soil by making your own miniature paper box garden.



#### BUILD A ROBOT 7+

Smart Machines zone, Queen's Tower Rooms, Imperial College London

Design and build your own model mechatronic, recycled robot or cardboard drone that could make the world a better place.



## EXPERIENCES



#### FUTURE FOOD LIVE ALL

Future Food zone, Sir Alexander Fleming Building, Imperial College London

**SATURDAY AND SUNDAY 12.00, 13.15, 14.30, 15.45, 17.00** (each demo lasts 45 minutes)

Explore new flavours and ingredients, as chefs and scientists whip up dishes that you can sample right there and then!

#### URBAN HEALTH AND WELLBEING ALL

**5** Exhibition Road

Explore how you can improve your wellbeing through art.

#### A DIGITAL MUSEUM ALL

**2** Exhibition Road

Learn how we digitise museum specimens and how they can be used by scientists all over the world.



#### 1851-DER TENT ALL

**8** Exhibition Road

Bathe in a cosmic ray shower, peer into a microscope and explore innovation from the Great Exhibition of 1851 to today!

How do bacteria build resistance against antibiotics? Experience an interactive installation created by the Festival's Young Producers.

Goethe-Institut

Come and play with quantum light alongside expert physicists.

#### FIGHTING BAC 13-24

Technicians: The David Sainsbury Gallery, Science Museum

Discover the science and technology needed to start over again and make a new planet a home.

#### BUNGEE GUT RUN 5+

Dangoor Plaza, Imperial College London  
Grab as much "food" as you can along our inflatable bungee run and learn about gut health.

#### GREAT EXHIBITION<sup>2</sup> ALL

**11** Exhibition Road  
See a school showcase of inventions from the next generation of budding engineers.

See our full programme online at [www.exrdfestival.com](http://www.exrdfestival.com)

# FESTIVAL MAP

## TALKS AND DISCUSSIONS

- Moments of Wonder**  
Ondaatje Theatre, Royal Geographical Society
- The Great Exhibition**  
Attenborough Studio, Natural History Museum
- Art of Science**  
G16 lecture theatre, Sir Alexander Fleming Building, Imperial College London
- Story Lounge**  
The Globe, Gallery 4, Europe 1600–1815 galleries, V&A
- Am I Made of Stardust?**  
Great Hall, Sheffield Building, Imperial College London

## EXPERIENCES

- 2 A Digital Museum  
3 Watery Wonders  
4 Darwin Tree of Life  
5 Urban Health and Wellbeing  
7 Build a New World  
8 1851-der Tent  
11 Great Exhibition<sup>2</sup>  
12 Cloud Station  
23 Wiggle!  
The Nuclear Energy Futures Fair:  
24 The Remarkable Prince Rupert's Drop  
25 Bubble Tube and See-saw  
26 Coconut Shy and Hook-a-duck

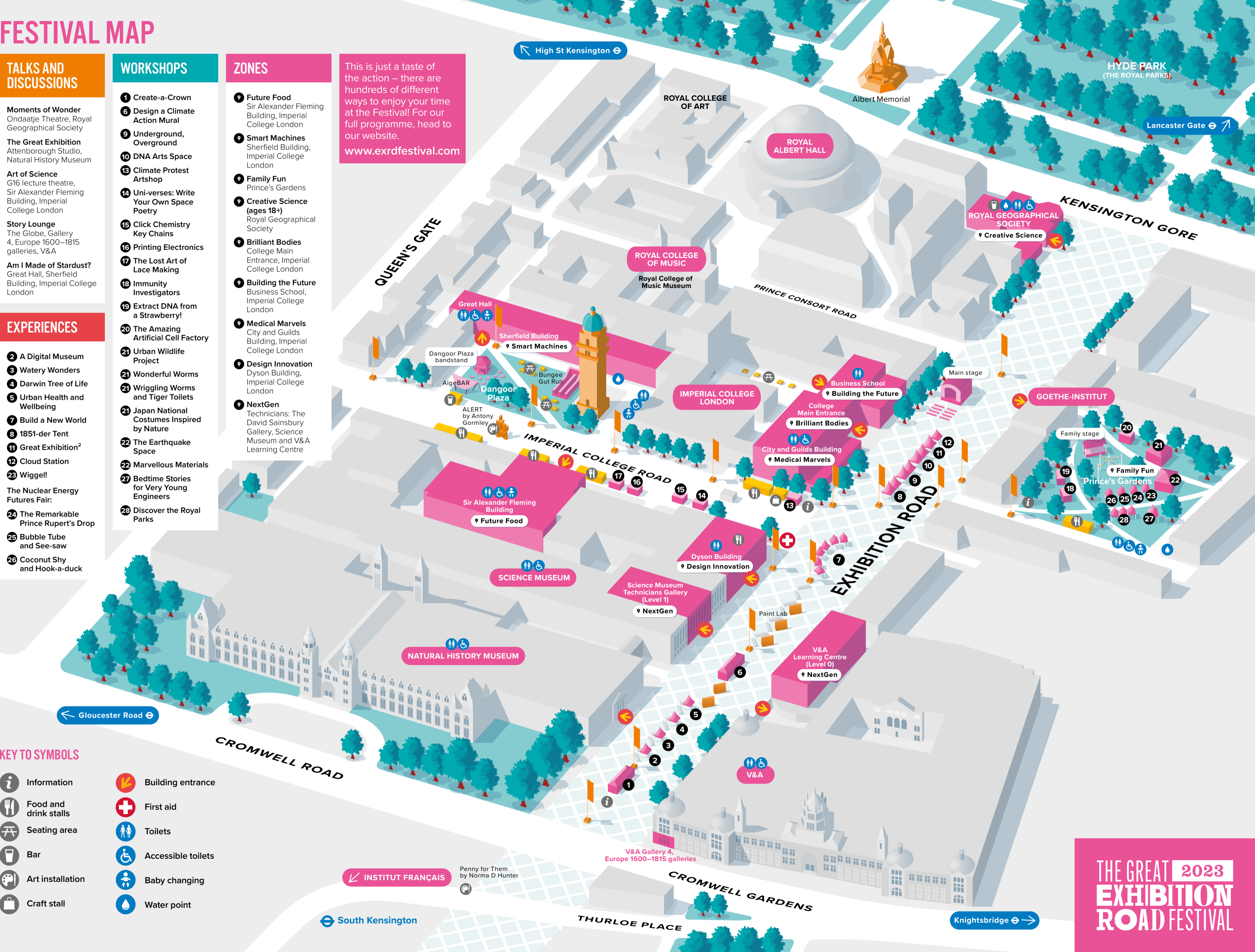
## WORKSHOPS

- 1 Create-a-Crown  
6 Design a Climate Action Mural  
9 Underground, Overground  
10 DNA Arts Space  
13 Climate Protest Artshop  
14 Uni-verses: Write Your Own Space Poetry  
15 Click Chemistry Key Chains  
16 Printing Electronics  
17 The Lost Art of Lace Making  
18 Immunity Investigators  
19 Extract DNA from a Strawberry!  
20 The Amazing Artificial Cell Factory  
21 Urban Wildlife Project  
21 Wonderful Worms  
21 Wriggling Worms and Tiger Toilets  
21 Japan National Costumes Inspired by Nature  
22 The Earthquake Space  
22 Marvellous Materials  
27 Bedtime Stories for Very Young Engineers  
28 Discover the Royal Parks

## ZONES

- 9 **Future Food**  
Sir Alexander Fleming Building, Imperial College London
- 9 **Smart Machines**  
Sherfield Building, Imperial College London
- 9 **Family Fun**  
Prince's Gardens
- 9 **Creative Science (ages 18+)**  
Royal Geographical Society
- 9 **Brilliant Bodies**  
College Main Entrance, Imperial College London
- 9 **Building the Future**  
Business School, Imperial College London
- 9 **Medical Marvels**  
City and Guilds Building, Imperial College London
- 9 **Design Innovation**  
Dyson Building, Imperial College London
- 9 **NextGen**  
Technicians: The David Sainsbury Gallery, Science Museum and V&A Learning Centre

This is just a taste of the action – there are hundreds of different ways to enjoy your time at the Festival! For our full programme, head to our website.  
[www.exrdfestival.com](http://www.exrdfestival.com)



## KEY TO SYMBOLS

- i Information  
F Food and drink stalls  
A Seating area  
B Bar  
A Art installation  
C Craft stall  
B Building entrance  
+ First aid  
T Toilets  
A Accessible toilets  
B Baby changing  
W Water point

THE GREAT **2023**  
EXHIBITION  
ROAD FESTIVAL