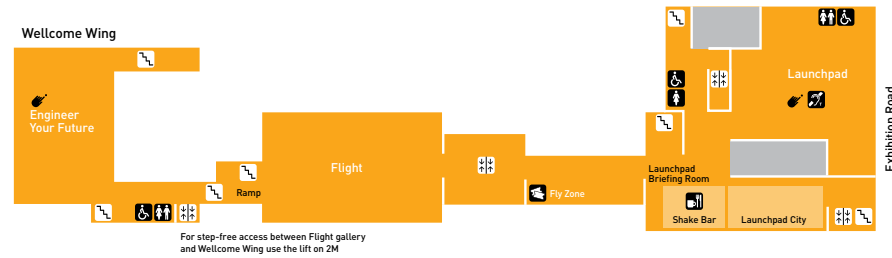


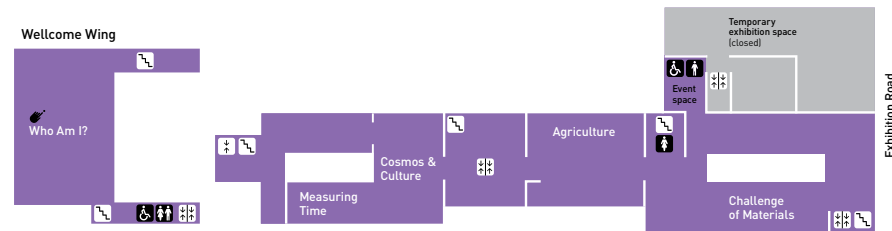
THIRD FLOOR



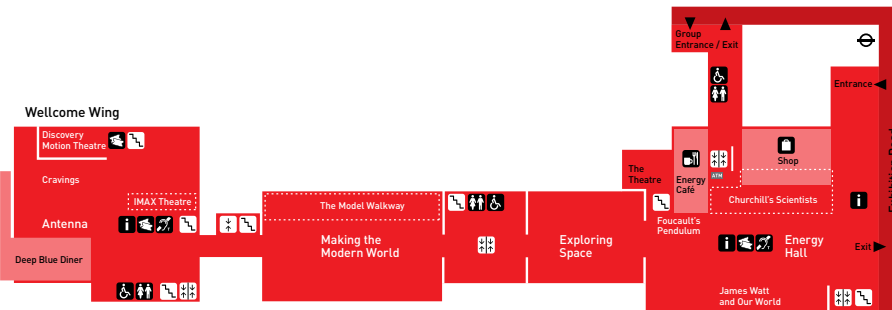
SECOND FLOOR



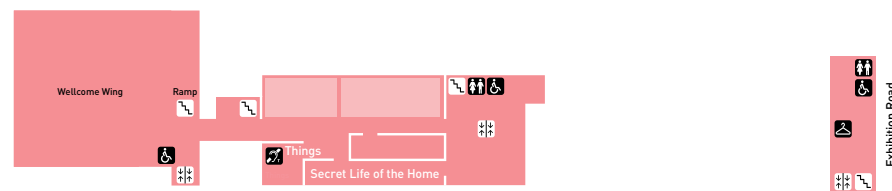
FIRST FLOOR



GROUND FLOOR



BASEMENT



B BASEMENT

THINK

Whodungit? Things
 19.30–20.00, 20.15–20.45, 21.00–21.30

Why study dung? What do we know about the toilet habits of extinct animals? Join Fiona Gill as she answers these and other scatological questions, and challenges you to work out 'whodungit'.

*Places limited to 100 visitors.
 The 21.00 session is BSL interpreted.*

EXPERIENCE

Levitating Trains and Saving the Planet, Wellcome Wing
 Drop in, 18.45–21.30

Watch as Suchitra Sebastian demonstrates a levitating train! Find out what this has to do with alternative energy solutions, and explore the magic of superconducting materials.

Particles Everywhere! Wellcome Wing
 Drop in, 18.45–21.30

Join Gavin Hesketh from UCL as he brings the subatomic world of the Large Hadron Collider to life. Using some much simpler technology, he reveals the exotic particles that are all around us.

Life in Extremes, Wellcome Wing
 Drop in, 18.45–21.30

Microbes can thrive in conditions where humans can't. Join Patricia Sanchez-Baracaldo and her team to discover how microbes support life at the poles and how they interact with masses of melting ice.

Resistance is Futile, Wellcome Wing
 Drop in, 18.45–21.30

Roll up! Roll up! Try your hand at our antibiotic resistance coconut shy to find out why resistance is on the rise. Or try our Dance Dance Evolution game to see how evolution occurs by mutation in real time.



G GROUND FLOOR

THINK

Talkaoke, Antenna
 19.30–20.00, 20.15–20.45, 21.00–21.30

Pull up a chair and have your say at our flying saucer of chat. This unique mobile talk show gets down with the hottest topics.

The Me in the Machine, The Theatre
 19.45–20.05

What is the self? Tonight we explore this question, from philosophy and psychology to new research on humanoid robots and virtual reality. Tony Prescott will show how technology is helping to answer age-old questions about who we are and ask whether a robot might one day have a sense of self.

Places limited to 120 visitors.

Gender, Sex and Relational Robots, The Theatre
 20.20–20.40

Robotic scientists are speculating about a future of human-robot love, sex and relationships. Dr Kathleen Richardson will explore the model of sex and relationships that is drawn upon by some in the field to make a case for human-robot relationships.

Places limited to 120 visitors.

From Robot Ethics to Ethical Robots, The Theatre
 20.55–21.15

Three years ago Professor Winfield thought it wasn't possible to build an ethical robot. But now he's changed his mind. Join him as he explains why by outlining new research on ethical robots and arguing that if we can build moral machines, then we should.

Places limited to 120 visitors.

Punk Science: The Game Show, IMAX Theatre
 20.45–21.30

It's the next big thing in comedy and science. Punk Science: The Game Show is like Saturday-night primetime television with at least 100% more science and 100% less Ant and Dec. Everyone has the chance to be a contestant and win big prizes! *Tickets are limited and cost £5 per person – available from any ticket desk.*

EXPERIENCE

Red mill engine demonstrations, Energy Hall
 18.45–19.45, 20.30–21.30

Visit the *Energy Hall* to see our huge red mill engine being run by our workshops technicians.

Silent Disco, Exploring Space
 Drop in, 19.00–21.40

Whether you're practising your moves or just in the mood to slam dunk the funk, grab a headset, select your tunes and dance until you drop.

Last entrance 21.30.

Planet Science demonstrations, Exploring Space
 19.15–19.35, 19.45–20.05

Climate scientists present their research on the Science Museum's Planet Science – a six-foot giant globe and the only one of its kind in the UK.

Cockroach Tour, Making the Modern World
 19.45–20.15, 20.45–21.15

Put yourself in their shells... Take a Cockroach Tour of the Science Museum.

Places limited.

Rosalind Franklin, Making the Modern World
 19.30–20.00, 20.15–20.45, 21.00–21.30

She might not have been awarded a Nobel Prize, but Rosalind Franklin played a crucial role in the discovery of the structure of DNA. Join our actor as she tells Rosalind's tales.

Booze on the Brain, Deep Blue
 Drop in, 19.00–21.15

Come and grab a drink in the Neuro-Cocktail Bar and find out what alcohol and other drugs do to our brains, and why some people are more susceptible to their effects than others. *Places limited.*

The Science Poundshop, Shop
 All night

Come and shop for some truly unique products and enjoy a bespoke interior created by Poundshop, all in the name of science! The range includes paper Lego spaceships and geometric Platonic solid candles, with products priced between £1 and £20.

1 FIRST FLOOR

THINK

Marching Desert Dunes: Avalanche, Bury and Disappear! Near Cosmos & Culture
 19.30–20.00, 20.15–20.45, 21.00–21.30

What lies beneath a desert sand dune? Whatever is hidden isn't covered for long, as dunes race across the surface. Join Nathalie Vriend on a journey to discover the history of large lumps of sand!

EXPERIENCE

What Does an Atom Look Like? Opposite Agriculture
 Drop in, 18.45–21.30

Challenge what you think you know about the invisible atoms that exist all around us. Experience the dynamic, molecular nano-world and carry out simple experiments with the amazing Nano Simbox.

Diamonds Are for Sensing, opposite Agriculture
 Drop in, 18.45–21.30

Can diamonds find use beyond natural gemstones? Join the team from Warwick to get your hands on some man-made diamond and discover its amazing applications.

George Stephenson, Measuring Time
 20.15–20.45, 21.00–21.30

Meet George Stephenson, pioneering railway engineer and inventor of the world-famous *Rocket* locomotive. Hear how his curiosity about machines led him to become the 'father of the railways'.

Hidden Gems, Agriculture
 Drop in, 18.45–21.30

Peel away the layers of the Science Museum's collections and you'll find a weird and wonderful world of spectacular objects. Come and marvel at a selection of items relating to the Royal Society and some of its famous Fellows.

The Great Future Challenge, Who Am I?
 19.20–19.40, 20.00–20.20, 20.40–21.00, 21.20–21.40

Have you got what it takes to predict The Next Big Thing? Pit yourself against our series of experts – and your friends – in a game show that tests whether you've got what it takes to forecast the future.

Can We Predict The Next Big Thing? Who Am I?
 Drop in, 18.45–21.30

What lies beyond the latest technology buzz words? Come and chat with our guest experts and see what techniques they use to study how science and technology will affect our future.

Creepy-Crawly Cancer Cells, Challenge of Materials
 Drop in, 18.45–21.30

What's the difference between a 'good' and a 'bad' cancer cell? Come and see our movies and have a go at generating a cancer cell in our bean machine.

Sir Isaac Newton, Challenge of Materials
 20.15–20.45, 21.00–21.30

He named the colours of the rainbow, he thought about how apples fall from trees and – legend has it – he invented the cat flap. Meet everyone's favourite scientist, Sir Isaac Newton!

CREATE

Glamour Bugs, Event space
 Drop in, 18.45–21.30

Build your very own mechanical bug to take home with you and personalise it with feathers and sparkles galore to create a great look.

BSL interpreted between 19.30 and 20.30.

Meerkat Groups from the Primordial Soup, Challenge of Materials
 Drop in, 18.45–21.30

How did complex life evolve? Join Ashleigh Griffin from Oxford to build your own Lego organisms, watch multicellularity evolve in real time and discover the benefits of playing nice.

2 SECOND FLOOR

THINK

Can Ants Help Us Avoid Information Overload? Energy Briefing Room
 19.30–20.00, 20.15–20.45, 21.00–21.30

Discover how tiny ants boost their collective brainpower, and learn how to make decisions the ant-smart way.

Places limited to 50 visitors.

EXPERIENCE

Revelations: Experiments in Photography, Media Space
 All night

Discover the influence of early scientific photography on modern and contemporary art in this major new exhibition, featuring some of the rarest images from the pioneers of photography.

Half-price Lates special offer – entry £4. Corporate Members go free.

TEACHERZONE
 18.45–20.30

If you've pre-registered for our Teacher Zone, enter on the first floor near *Measuring Time*.

LATES



The Next Big Thing

24.06.15
18.45–22.00
#smlates

18

Next Lates...

Wednesday 29 July

The Churchill Years

Next month we'll be stepping back into the 1930s, 40s and 50s as we focus on the themes of our *Churchill's Scientists* exhibition. We'll be exploring the stories and characters relating to British science during and immediately after the Second World War. This night will include live music and dancing from the period and interactive workshops. Plus all the regular highlights of live music, Punk Science comedy show and the best silent disco in town.

Visit sciencemuseum.org.uk/lates for more information.

Download our free app I'm@SMLATES for offers on food, drink and events

A night for adults **18** You may be asked for ID

Information

ATM
An ATM is located on the ground floor between the Shop and the Energy Café.

Toilets/Cloakroom
Toilets are located in the basement and on the ground floor, second floor and third floor. A cloakroom is available on the lower ground floor.

Shopping
The Science Museum Shop is open on the ground floor.

Talk to us
If you have any questions about Lates, e-mail lates@sciencemuseum.org.uk.
And remember, if you're talking about Lates on Twitter, please use #smlates to help others find your opinions, photos and videos.

Food and drink

Energy Café
Serves a range of hot and cold dishes, including home-made pizza, hot dogs with red onion confit, and potato wedges. Plus cakes and hot, cold and alcoholic drinks.

Energy Hall Bar
Offers a range of beers, ciders, wines and soft drinks, as well as sausage rolls, mixed roast nuts, cheese straws, and nachos with tomato salsa and sour cream.
Cash only.

Making the Modern World – street food and bars
Choose from a range of beers, ciders, wines and soft drinks. Food includes pinchos, tortillas, empanadas and croquetas.

1 First Floor Bar – Gin Bar
Serves a range of cocktails, beers, ciders, wines and soft drinks, plus snacks such as cheese straws and sausage rolls.

2 Media Space Cocktail Bar
Choose from a range of cocktails, beers, ciders, wines and soft drinks, plus vegetable tarts and Scotch eggs.

3 Shake Bar
Offers a range of alcoholic and non-alcoholic milk shakes, ice cream and other alcoholic and soft drinks. Cheese straws and nachos are also served here.
All bars accept cash and credit cards unless otherwise stated.

Simulators

Fly with the Red Arrows in Fly Zone
19.15–21.10, charges apply

Discover the thrill of flying in the cockpit of a Red Arrows jet in our breathtaking Red Arrows 3D flight simulation theatre.
Half-price Lates special offer – £3 per ride. Corporate Members go free.

Take control in our 360° flight simulator
19.15–21.10, charges apply

Have you ever wanted to fly your own jet? Our Fly 360° interactive flight simulators allow you to do just that.
Lates special offer – £10 per ride. Corporate Members get 20% discount.

THE ROYAL SOCIETY

The Royal Society is a self-governing fellowship of many of the world's most distinguished scientists drawn from all areas of science, engineering and medicine. The society's fundamental purpose, reflected in its founding charters of the

1660s, is to recognise, promote and support excellence in science and to encourage the development and use of science for the benefit of humanity.
For further information please visit royalsociety.org.

Lab Notes, Virgin Media Studio
19.30–20.00, 20.15–20.45, 21.00–21.30
Hear a natural selection of statistically significant comedy songs from geek songstress Helen Arney, science troubadour Jonny Berliner and actual cosmologist Andrew Pontzen.

Albert Einstein, Computing and Mathematics
19.30–20.00, 20.15–20.45, 21.00–21.30
E = mc-what?! Come along and meet the man behind the famous equation that we all pretend to know. Listen to his stories about his remarkable life and work.

Light, Colours, Camera, Action! Information Age Studio
19.30–19.55, 20.05–20.30, 20.40–21.05, 21.15–21.40
What do sweet wrappers, Pink Floyd and fibreoptic broadband have in common? It's light! Join Robert Pal from Durham University in a quest to understand light in all its glory.

CREATE

Groovy Greenhouse, Media Space Café
Drop in, 18.45–21.30

Which plant would you save in an apocalypse? Come and make your very own mini biosphere with your favourite plant to take away and keep safe for ever.

Screen Grab, Computing and Mathematics
Drop in, 18.45–21.30

Join two up-and-coming printmakers in their pop-up studio and create your own screen-print souvenir of this month's Lates.

THIRD FLOOR

THINK
Asymmetry in Art, Nature and Stem Cells, Launchpad Briefing Room
19.30–20.00, 20.15–20.45, 21.00–21.30

Have you ever considered the similarities between art and science? Did you know that irregularity shapes our lives? Join Dr Shukry Habib as he uses stunning imagery to explore the beauty of being different.
Places limited to 90 visitors.

EXPERIENCE
Launchpad
19.00–21.30
You remember it well from when you were nine... and if you don't, now's your chance to realise what you missed.

Stronger by Design, Launchpad
19.30–19.50, 20.00–20.20, 20.30–20.50
Come and help us make a special version of a club sandwich with a secret ingredient – you! Or try sitting on over 500 nails on our evil Chair of Doom. This show explores forces and motion and how they are crucial to the engineering world.
Places limited to 90 visitors.

What Does Biology Have to Do with Robots? Flight
Drop in, 18.45–21.30
You've heard of swarming bees, but what about swarming robots? Join Jon Timmis to find out how biology can help inspire robotic design.

In One Ear and Out the Other, Flight
Drop in, 18.45–21.30
Join us in a game of broken telephone and learn how language is shaped by the human brain. Experience thousands of years of cultural evolution in just a few minutes.

The Stimulated Brain, Flight
Drop in, 18.45–21.30
Can a tiny electric current change the way you learn? Join Charlie Stagg and her team to see brain stimulation in action and discover how this tool might begin to help people recover after a stroke.

Keep Cool and Carry On, Flight
Drop in, 18.45–21.30
Feeling cool? Follow Xavier Moya into the infrared world and discover how advanced materials could provide an environmentally friendly solution to our cooling needs.