

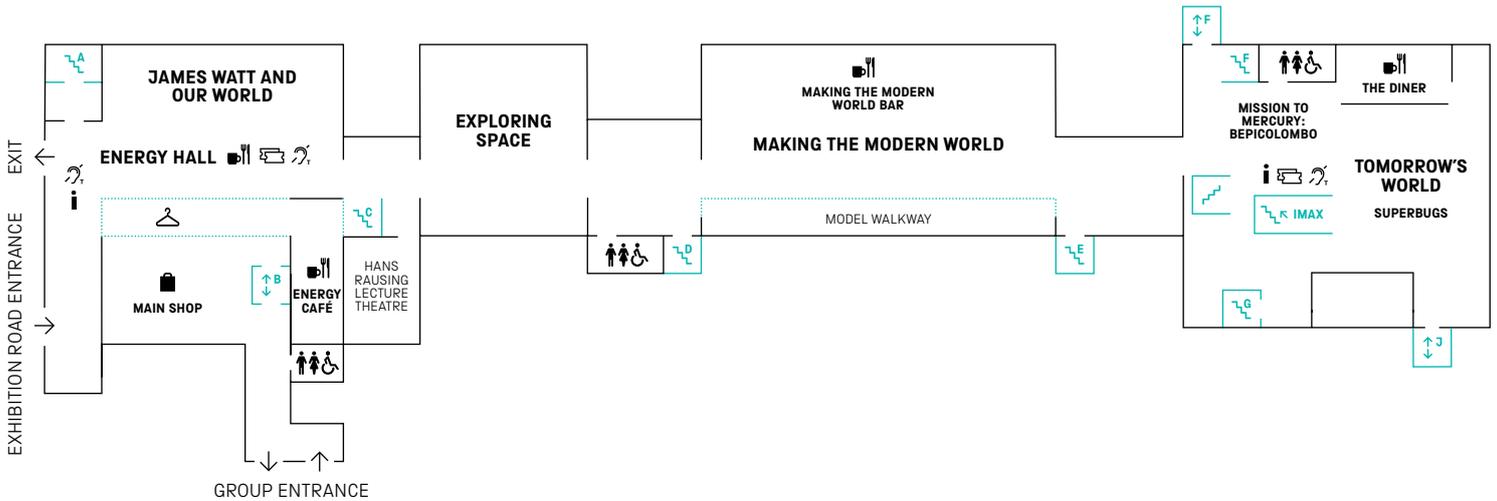
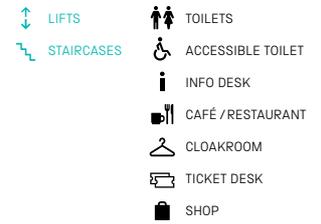
**SCIENCE
MUSEUM**

LATES

THE SUN:
LIVING WITH OUR STAR
28 NOVEMBER 2018
18.45-22.00 #SMLATES

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TOUR

HIGHLIGHTS TOUR OF THE MUSEUM

MEET AT THE INFORMATION DESK
19.30–20.00, 20.30–21.00

Follow one of our Volunteer Tour Guides on a whistle-stop tour of some of our most beloved iconic objects and discover the untold stories they hold.

TOUR

BEHIND-THE-SCENES TOUR

MEET AT THE INFORMATION DESK
19.15–19.45, 20.00–20.30, 20.45–21.15

Come and see where we treat and care for the museum's collection of weird and wonderful objects. Please book at the Information desk.

Places very limited.

TALK

SHADY CHARACTERS AND SUN WORSHIPPERS

HANS RAUSING LECTURE THEATRE
20.15–20.45, 21.00–21.30

Join Vybar Cregan-Reid, author of *Primate Change*, to find out how our uneasy relationship with the Sun led to rickets in the 19th century and an epidemic of short-sightedness in the 20th century.

The 20.15 performance will be BSL interpreted. This talk will also be followed by a book signing in the museum shop at 21.30.



DANCE

SILENT DISCO

EXPLORING SPACE
18.45–21.40

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.

Entry £2 per person – tickets available in the Exploring Space gallery. Last entrance 21.30.

INTERACTIVE DEMO

FLYING WITH ZEPHYR

MAKING THE MODERN WORLD
18.45–21.30 (DROP IN)

Join engineers from Airbus to discover how they developed Zephyr, the first unmanned aircraft of its kind to fly in the stratosphere, running exclusively on solar power and able to fly for months at a time.

INTERACTIVE

SWISS SOLAR ACTIVITIES

MAKING THE MODERN WORLD
18.45–21.30 (DROP IN)

Come and talk to the Embassy of Switzerland in the United Kingdom and use Helioview Me to find out what happened on the Sun on your special day. Was it explosive or quiet? Explore solar activity, print your personal photo of the Sun as a memento and see artworks that can harvest solar energy.

INFORMATION

MAKING A SUN ON EARTH!

MAKING THE MODERN WORLD
18.45–21.30 (DROP IN)

Generating clean, abundant electricity from nuclear fusion, the Sun's power source, is getting closer to reality. The United Kingdom Atomic Energy Authority's Culham Science Centre is leading a worldwide effort, developing the science and engineering needed to make a Sun on Earth.

TALK

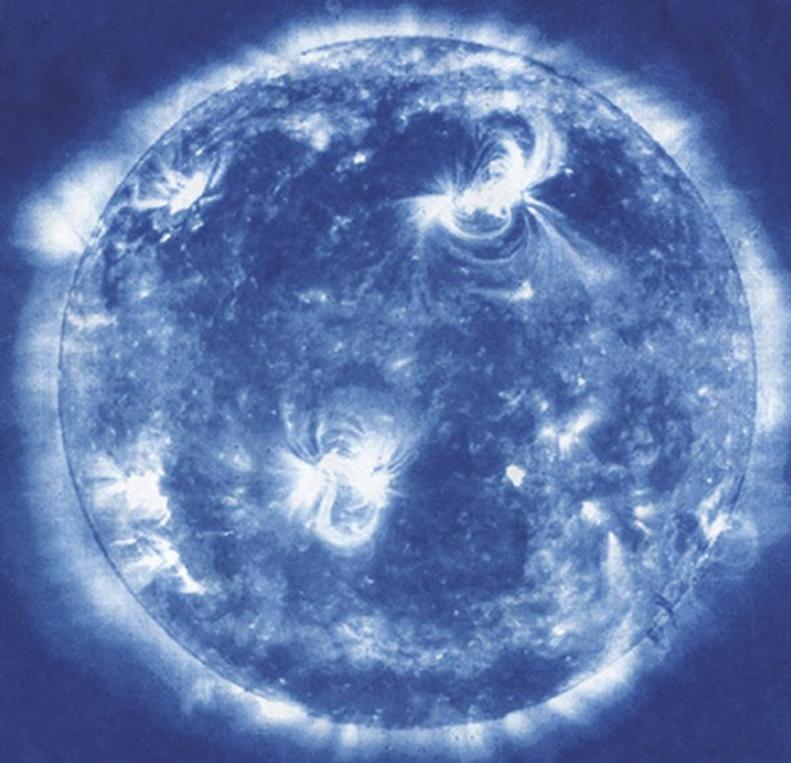
15 MILLION DEGREES: LUCIE GREEN IN CONVERSATION WITH MAGGIE ADERIN-POCOCK

IMAX THEATRE
19.30–20.30

Royal Society Research Fellow, solar physicist and author of the acclaimed *15 Million Degrees: A Journey to the Centre of the Sun*, Professor Lucie Green joins us for a fascinating discussion about how the Sun works, the latest research in solar physics and how a solar storm could threaten everything we know.

Tickets £5 and available from any ticket desk.

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CYANOTYPES
Image © Diego Valente

INTERACTIVE DISCUSSION TALKAOKE

TOMORROW'S WORLD
19.15-19.45, 20.10-20.40, 21.00-21.30

The world is warming up. Weather is getting more extreme. Will advanced technology save us? Do we all need to make big sacrifices to limit climate change? Or should we ignore the rising sea levels and burn coal like there's no tomorrow? Join us for Talkaoke, the mobile talk show, and puzzle over the biggest questions we face.

WORKSHOP SCREEN GRAB

TOMORROW'S WORLD
18.45-21.30 (DROP IN)

Join two up-and-coming printmakers in their pop-up studio and create your own screen-printed tea towel as a souvenir of this month's Lates. It will be hands-on, beautiful and inky...

WORKSHOP CYANOTYPES

THE DINER
19.30-20.00, 20.15-20.45, 21.00-21.30

This workshop, with Diego Valente, revives one of the earliest photographic processes with modern technology, using digital images to print onto pre-sensitised cyanotype paper.

Presented with the support of super/collider.

FOOD + DRINK

ENERGY HALL BAR

Before taking another step, stop and have a thirst-quenching lager, ale or cider. Soft drinks also available.

ENERGY CAFÉ

Head to the Energy Café for a wide range of delectable edibles – from home-made pizzas and stone-baked bread toasted combination sandwiches, to bulgur wheat and roasted vegetable salad with sunflower seeds. Our cake table will be filled with Sun-inspired sweet treats to quell your cravings. There'll also be a range of alcoholic and soft drinks.

GIN BAR

Love gin? Then look no further! Delight your taste buds and feel the heat with our Sun-themed cocktails Chilli Ginger Gin and Pink Sunset. If you're feeling fancy upgrade them with one of our premium gins.

Located in the Energy Café.

MAKING THE MODERN WORLD BAR

Make your way to the street food bar and dig into the tasty dishes we have on offer. Try creamy chicken, sun-dried tomato and vegetable rice or stuffed sweet peppers in a Mediterranean-style tomato sauce. Have any dish on its own or with a glass of wine or bottled beer for £10.

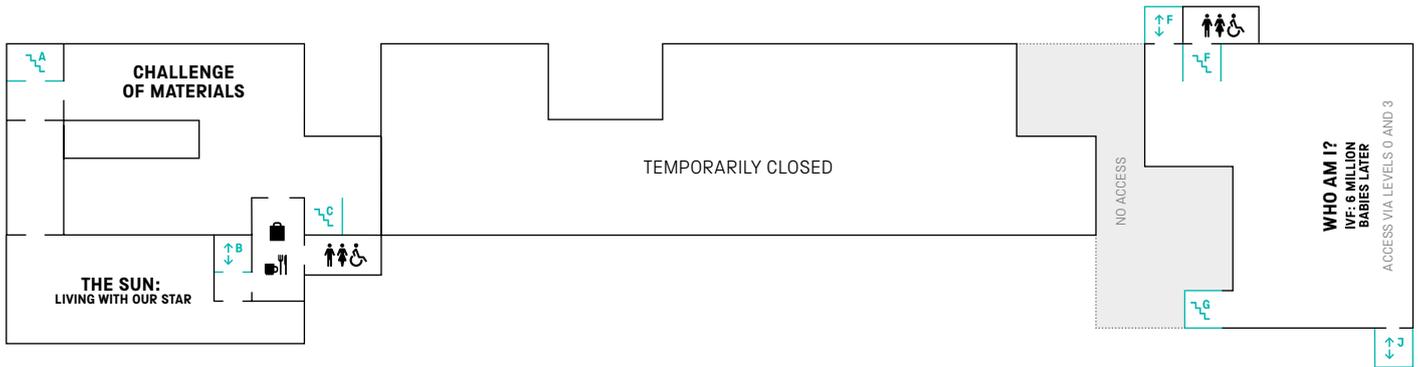


THE DINER

Between activities have a naughty fish and chips or halloumi burger with chips or green salad. Whatever you fancy we guarantee it will be tasty. We also have a range of delicious beers, ciders, wines and soft drinks.

1

-  LIFTS
-  STAIRCASES
-  TOILETS
-  ACCESSIBLE TOILET
-  CAFÉ / RESTAURANT
-  SHOP



EXHIBITION

THE SUN: LIVING WITH OUR STAR

18.45–21.30

From golden solar religious artefacts from the Nordic Bronze Age to details of upcoming NASA and ESA solar missions, *The Sun: Living With Our Star* tells the story of humankind's dependence on, and ever-changing understanding of, our star.

*Lates special offer –
50% off standard admission.*

FOOD + DRINK



THE SUN CAFÉ

Here you'll find a selection of Sun-themed treats and snacks. Try a turmeric or beetroot latte while you munch on a Sun or galaxy cupcake. Add a shot of Baileys to your hot drink to add a warming Lates twist, or enjoy a refreshing Sol beer.

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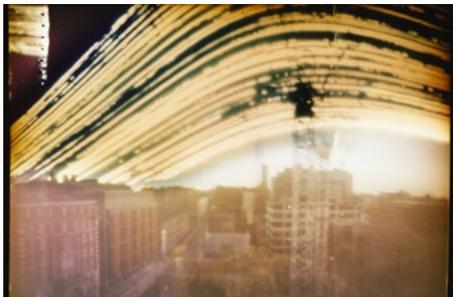
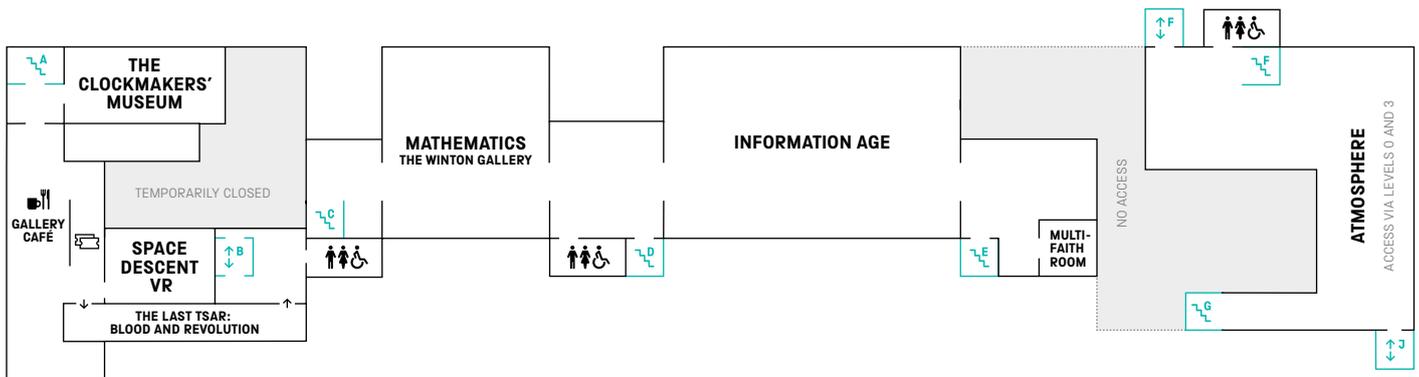


Image © Anthony Carr

EXHIBITION

THE LAST TSAR: BLOOD AND REVOLUTION

18.45–21.30

Explore the extraordinary lives and deaths of Tsar Nicholas II and his family, and uncover the science behind one of the greatest mysteries of the 20th century. Rulers of a sixth of the surface of the Earth, the last imperial monarchs of Russia, the Romanovs, enjoyed lives that glittered with unimaginable wealth and power – until the family mysteriously disappeared in 1918.

Free, but ticket required.

VR EXPERIENCE

SPACE DESCENT VR WITH TIM PEAKE

18.45–21.30

Embark on an out-of-this-world virtual reality mission and experience the thrill of being an astronaut. With Tim Peake as your guide, retrace the 400km high-speed journey back to Earth from the International Space Station.

Lates special offer – 35% off standard admission.

TEACHER ZONE

INFORMATION AGE
18.45–20.30

If you've pre-registered for our Teacher Zone, enter via the *Information Age* gallery.

WORKSHOP

SOLARGRAPHY WORKSHOP

GALLERY CAFÉ

19.30–20.00, 20.15–20.45, 21.00–21.30

Normally you're told not to take pictures of the Sun, but in this solargraph workshop photographer Anthony Carr will show you how to safely dabble in solargraphy and how to make a pinhole camera to capture the Sun's path.

Presented with the support of super/collider.

PERFORMANCE

PHASES

MATHEMATICS

19.30–21.30 (DROP IN)

Musician Glenneth brings his live set to the Science Museum for a two-hour performance in the extraordinary *Mathematics: The Winton Gallery*. Inspired by the rich history of Sun rituals and worship of the great life-giver, Glenneth's sound will take you from first light through to dusk.

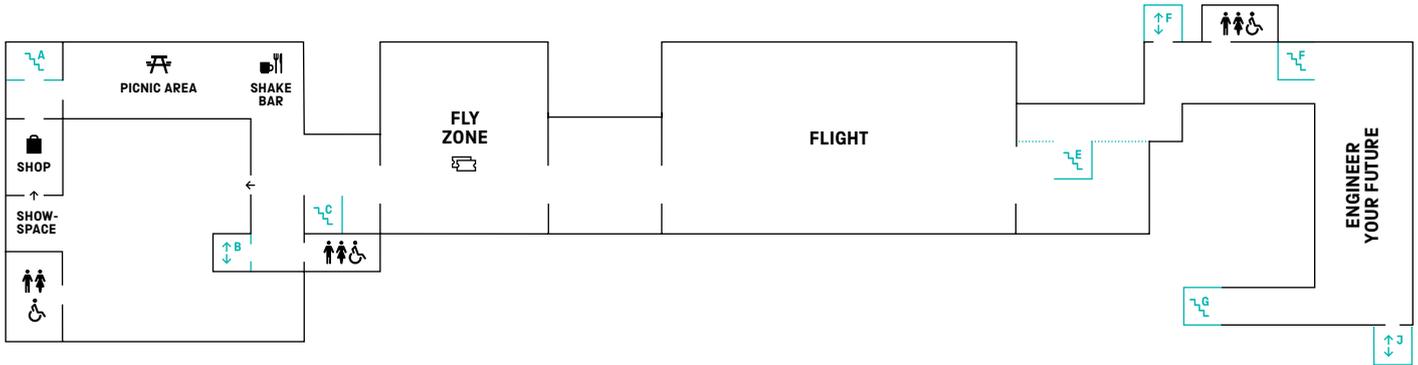
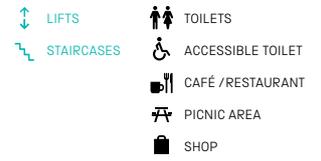
FOOD + DRINK



GALLERY CAFÉ COCKTAIL BAR

Get the night started with a Tequila Sunrise or Sun and Moon cocktail – specially created for tonight's Lates. Other alcoholic and non-alcoholic drinks are available as well as sweet and savoury snacks.

3



TALK

LIGHT AND PERCEPTION

SHOWSPACE

19.25-19.55, 20.00-20.30

In this talk Liz West will explore how her artistic investigations into the nature of perception have revealed that our understanding of colour can only be realised through the presence of light.

Presented with the support of super/collider.

TALK

ANIMALS IN THE SUN

SHOWSPACE

20.35-21.05, 21.15-21.45

Take a first-hand look at some live exotic animals as we learn about the special ways in which they live with and harness the power of the Sun. Get up-close with sunbathing snakes, thirsty beetles and nocturnal lizards.

WORKSHOP

SUN SPACE ART

PICNIC AREA

18.45-21.30 (DROP IN)

Can you unfold the Sun and fold space to create a solar satellite pop-up card? Solar physics and art converge in this inspirational interactive workshop with live science demonstrations.

3



SEE THE NEW BLACK
Image © Christian Furr

ART SEE THE NEW BLACK

FLIGHT
18.45–21.30 (TALK AT 19.30)

Artist Christian Furr discusses his latest artwork *Black-Eye Third Sight*, made with 7Black, the Furr-initiated new super-nano-black paint created by Imperial College scientists Hin Chun Yau and François de Luca.

OBSERVATIONS SOLAR BRITISH MISSION IN BRAZIL

PICNIC AREA
18.45–21.30 (DROP IN)

In 1919 a crucial experiment took place in Sobral, a small town in northeast Brazil. Discover how astronomers sought to use their observations of the stars during an eclipse to corroborate or disprove Einstein's then-new general relativity theory.

The UK-Brazil Year of Science and Innovation (YoSI) 2018–2019 is a joint initiative led by the UK and Brazilian governments to encourage and promote innovative thinking and research collaborations between the two countries.

MUSEUM COLLECTION HIDDEN GEMS

FLIGHT
18.45–21.30 (DROP IN)

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 not normally on public display, brought straight from our stores.

SIMULATOR FLY WITH THE RED ARROWS

FLY ZONE
19.15–21.10

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.*

SIMULATOR TAKE CONTROL IN OUR 360° FLIGHT SIMULATOR

FLY ZONE
19.15–21.10

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.*

FOOD + DRINK



SHAKE BAR

Did we hear you haven't yet tried our vodka strawberry shake? If you're not into vodka, never fear as the Baileys or Kahlúa shake will prove a hit. Boost them with an extra shot or add a sweet topping. Or you could always keep it more traditional with a couple of scoops of ice cream. And yes, of course we have beer, cider and soft drinks as well.

FUTURE LATES

CHINA

30 JANUARY 2019

Join us for the first Lates of 2019 as we celebrate Chinese New Year. Find out more about the latest science and emerging technology in China, and how the country celebrates the new year.

Plus, all the regular Lates highlights are waiting for you to enjoy, including live music and the best silent disco in town.

FUTURE EVENTS



PORTICO QUARTET IN CONCERT + AFTER-HOURS EXHIBITION VIEW

FRIDAY 1 MARCH 2019
18.45-20.35 (EARLY SHOW)
21.00-22.35 (LATE SHOW)
TICKETS £21-£25

Mercury Prize-nominated Portico Quartet take to the stage for the world premiere of a brand-new audiovisual concert to celebrate our latest major exhibition, *The Sun: Living With Our Star*.

Image © Duncan Bellamy



LET THERE BE LIGHT (15) + PANEL DISCUSSION

FRIDAY 26 APRIL 2019
19.30-21.45 (DOORS OPEN 18.45)
TICKETS £8-£10

A panel of energy experts join us to discuss the future of nuclear fusion and solar power, following a screening of the absorbing documentary *Let There Be Light*.

Image © EyeSteelFilm

COMPETITION TIME

WIN A VIP LATES EXPERIENCE FOR YOU AND THREE FRIENDS AT ONE OF OUR FUTURE LATES

Jump the queue with our VIP entrance and enjoy a free drink each. Also included in the prize are:

- Four tickets to a simulator
- A Science Museum goody bag
- Free access to the silent disco

To enter the competition please visit sciencemuseum.org.uk/latescomp



FREE WI-FI

Available throughout the museum.

ATM

An ATM is located between the Shop and the Energy Café.

TOILETS/ CLOAKROOM

Toilets are located on levels -1, 0, 1, 2 and 3. A cloakroom is available on level 0.

#SMLATES

If you're talking about Lates on Twitter, please use #smlates to help others find your opinions, photos and videos.

SHOP

Whether you're keen on chemistry, ecstatic about mathematics or just want a memento of your day, you'll find something you love in our shop. We sell a wide range of gifts, toys, books and homeware alongside traditional museum favourites, at a price to suit every budget.

Visit us on level 0 or shop online at sciencemuseumshop.co.uk

DONATIONS

Help us to make the most of our unrivalled collections, acquire new objects, create innovative exhibitions, and continue to deliver the UK's most engaging museum learning programme by donating today.

Donate in the museum or online at sciencemuseum.org.uk

Every pound you give supports our work as a charity. With Gift Aid you can make your donation go further.

KEEP IN TOUCH

Sign up to our email newsletters at sciencemuseum.org.uk to be the first to hear about the museum's upcoming events and activities.

We love seeing our visitors' photos online. Share yours with @sciencemuseum for the chance to be featured on our channels.



We're always looking to improve our service. If you have any comments or suggestions please email us at info@sciencemuseum.ac.uk

CONTACT INFORMATION

Science Museum
Exhibition Road
London SW7 2DD

sciencemuseum.org.uk
T +44 (0)20 7942 4000
E info@sciencemuseum.ac.uk

OUR GROUP

We are part of the Science Museum Group, which also includes: National Science and Media Museum, Bradford, Science and Industry Museum, Manchester, National Railway Museum, York, and Locomotion, Shildon.

SCIENCE MUSEUM GROUP

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