



ROYAL
OBSERVATORY
GREENWICH

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2026

Early years and primary schools

Royal Observatory Greenwich Schools' Summer Programme

Cutty Sark | National Maritime Museum | The Queen's House
Royal Observatory | Prince Philip Maritime Collections Centre



Royal Observatory Greenwich Schools' Programme Summer 2026

The Royal Observatory Greenwich's Astronomy team is back with their world class in person and digital schools programme!

All school groups booking into a Discovery Day have the option to visit the historic Royal Observatory Greenwich North site for free! Visits without Discovery Day bookings are also available at a price of £1 per student.

Please contact bookings to arrange this: Bookings@rmg.co.uk

What is new for everyone?

Astronomers Take Over

Royal Observatory Greenwich is undergoing an astronomical transformation. While this is happening, the astronomers who work there have packed up and moved into the National Maritime Museum. This is your chance to meet the astronomers and ask them all the things you have always wanted to know about space. Be careful though – the crates contain mysteries to uncover. You never know what you might find.



What you will see:

Astronomers Take Over is split into zones where you can meet the team, ask your questions and try your hand at some science demonstrations.

This includes:

- Learning about the Sun-Earth-Moon system and the reason for the seasons, phases and eclipses all covered
- Exploring features of Mars, the adventures of Martian rovers and the people involved
- Discovering stars, galaxies and how big our Universe is
- Completing a scavenger hunt for interesting objects astronauts have taken to space.



Early years and KS1

Discovery Day based at the National Maritime Museum

EYFS and KS1 Discovery Days at the National Maritime Museum will include two curriculum-linked workshops in which groups will explore the theme of space with multi-sensory activities and storytelling, access to the new *Astronomers Take Over* exhibition, and access to a lunch space.

Capacity: 30 children per session

Cost: £160

Zoom to the Moon

What would you pack in your suitcase for a trip to the Moon? Our space explorer Ted is going on a journey to the Moon and you're invited!

In this interactive multi-sensory workshop students will:

- Learn about the needs of humans (and teddy bears) in space
- Explore the surface of the Moon using the senses
- Discover what a space mission is really all about.

Where am I?

It's hard for our minds to take in the vastness of Space. This interactive workshop explores our place in the Solar System and beyond.

In this session, students will:

- Learn about the Sun and how it powers our Solar System
- Explore how and why all the planets are so different
- Discover what's beyond our Solar System and reflect on our place in space.

EYFS/KS1 Digital Resources:

ROG Astronomers have been developing educational resources to support learning in the classroom from early years through to post-16. From animated videos, classroom activities and even movement podcasts, each resource has been designed around the national curriculum.

rmg.co.uk/schools-communities/all-astronomy-science-resources

Key Stage 2

Discovery Day

KS2 Discovery Days at the National Maritime Museum will include a space-tastic Science Theatre Show, access to the new *Astronomers Take Over* exhibition which includes a planetarium show, and access to a lunch space.

Capacity: 30 children per session

Cost: £160



Unboxing The Universe

Science theatre show for KS2 students

Unboxing the Universe is an exciting live science theatre show that supports the KS2 science curriculum while inspiring curiosity, questioning and awe.

Through multisensory demonstrations and interactive moments, pupils explore key concepts in space, forces and light.

Pupils will investigate questions such as:

- How does light travel through space, and what can it tell us about distant stars and planets?
- What forces are needed to launch a rocket?
- Can anything travel faster than light?
- What will happen to our Sun in the future?

Delivered live by a member of our Astronomy Team, the show encourages scientific enquiry, critical thinking and pupil-led questioning. Content is carefully pitched for KS2, with clear explanations, memorable demonstrations and opportunities for discussion.

Links to KS2 Science:

- Earth and Space
- Forces
- Light
- Working scientifically



Planetarium Show: Key Stage 2 only (for now!)

Planetary Adventure

Show length: Approx. 30 mins + short Q&A

Tour the Solar System and learn about the wide range of environments within it, the challenges of exploring this vast region, and what lies beyond!

Everything in the Solar System is nearby in an astronomical sense, but compared to life on Earth it is vast and varied! A journey around the celestial neighbourhood will reveal some of its workings, and diverse environments including moons, asteroids, planets and more. No one show will be able to cover everything, so the audience will help the astronomer choose what to concentrate on.

Key Stage 2

Digital Offer

Our expanded digital programme remains available for classes around the country to log in with an astronomer for a live workshop or webinar!

All sessions finish up with a question and answer segment so students have the opportunity to ask any questions they have. Post-session activities will also be supplied for your students to try afterwards and test what they have learned.

Cost:

Solo workshop – £70 per class of 30

Workshop webinar – £15 per class of 30

Digital workshop descriptions:

1. Sun, Earth, Moon

Available as workshop webinar only

In this interactive digital session, students will:

- Investigate the Sun, Earth and Moon System, including the similarities, differences and relative size and shape of these objects
- Understand how the motion of the Sun, Earth and Moon relates to the concept of time (day, month, year)
- Discover what astronomical phenomena occur as the Sun, Earth and Moon move in relation to each other.

2. Exploring Our Solar System

Available in solo workshop and workshop webinar format

What is inside our Solar System? In this interactive digital session, students will:

- Learn about the eight planets of our Solar System, how big they are and what they're made of
- Explore how different objects in the Solar System move in relation to each other
- Discover the different types of space rocks found in our Solar System, including moons, dwarf planets and asteroids.

3. Latitude, Longitude and Time Zones

Available in solo workshop and workshop webinar format

How can we use the Sun to tell the time? And why isn't it the same time all across the world? In this interactive digital session, students will:

- Learn about how the Earth's rotation explains day and night and the movement of the Sun across the sky
- Identify the position and significance of key lines of longitude and latitude on the globe
- Explore different time zones and how time varies around the world.

4. Space Exploration Adventure

Available as solo workshop format only

In this interactive digital session, students will:

- Embark on a space mission where students become astronauts tasked with repairing their damaged spaceship!
- Discover important events in the history of space exploration from the first satellite, missions to the Moon, telescopes in space and more
- Consider the future of space exploration.

KS2 Digital Resources:

ROG Astronomers have been developing educational resources to support learning in the classroom from early years through to post-16. From animated videos, classroom activities and even movement podcasts, each resource has been designed around the national curriculum.

rmg.co.uk/schools-communities/all-astronomy-science-resources

FREE Teacher CPD: In-Person based at the National Maritime Museum or online

Join us online or onsite for practical training in teaching space science across primary and secondary, led by Observatory experts.

More info: rmg.co.uk/schools-communities/teacher-educator-training

Get involved

Join the Royal Museums Greenwich Teacher Forum and help shape the learning offer across our sites. Get early access to new resources and special forum member benefits.

Visit rmg.co.uk/teacher-forum to sign up.

Keep in touch

Visit rmg.co.uk/schools-communities/get-involved to sign up for the ROG schools' newsletter.

Royal Museums Greenwich: Our sites

National Maritime Museum

Galleries and exhibitions that tell stories of people and the sea.

The Queen's House

An architectural gem that houses a stunning art collection.

Cutty Sark

A Victorian sailing ship, the fastest of its time.

Prince Philip Maritime Collections Centre

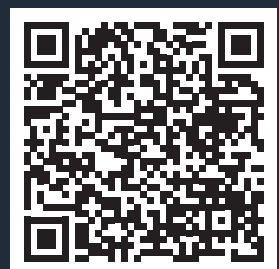
The Museum's collections and conservation store, located in Kidbrooke.

Royal Observatory

The home of time and astronomy.

See rmg.co.uk/ROGSchools for more information.

For more information and to book, visit rmg.co.uk/schools-communities/royal-observatory-schools-programme or email bookings@rmg.co.uk



rmg.co.uk/ROGSchools

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