



ROYAL
OBSERVATORY
GREENWICH

rmg.co.uk/ROGschoools

2026

Secondary and post-16

Royal Observatory Greenwich Schools Programme

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



Royal Observatory Greenwich Schools' Programme 2026

The Royal Observatory Greenwich's Astronomy team has temporarily moved to the National Maritime Museum whilst we undergo an exciting regeneration project! While we get ready to launch our top secret in-person programme that will go live after Easter 2026, we have created a careers- and curriculum- focussed live digital workshop offer, delivered by our team of Astronomers directly into to your classrooms.

To learn more please visit rmg.co.uk/ROGschoools or email ROGEducation@rmg.co.uk

Digital Programme

Cost: £70 per class of 30

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.

Digital workshop descriptions:

Careers KS3 | KS4 | KS5

What's out There? Exploring Careers in the Space Sector

In this interactive digital session, students will:

- Discover the history of the Royal Observatory Greenwich, and what the first Astronomers Royal were hired to do
- Explore the wide range of different careers in the space sector today and how these impact the world around us.

KS3

Forces in Space

What forces are involved in space travel? And how does gravity change in different space environments?

In this interactive digital session, students will:

- Learn the difference between mass and weight and look at what determines the strength of the force of gravity
- Explore how gravity affects space exploration on the International Space Station, the Moon and Mars
- Discuss some recent and upcoming Martian missions, and consider what's next in space exploration.



KS4

Life Cycle of Stars

Stars are born, live out their lives and die all throughout the universe, but what determines the path they take?

In this interactive digital workshop, students will:

- Learn about the fusion reactions that occur inside stars and how this leads to the equilibrium between expansion and gravitational collapse
- Learn about the different life-cycles of sun-like stars and giant stars
- Explore how data about stars is collected in space.

KS5

Cosmic Distance Ladder

How do we measure distances in space?

In this interactive digital session, students will:

- Learn about the methods used within the cosmic distance ladder
- Explore the doppler effect on Earth and its application in space
- Discuss the expansion of the Universe, along with what might happen next.

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 Online Lectures

Join FREE LIVE lectures by astrophysicists to connect with current research in the fields of astronomy, physics, planetary geology and space exploration.

More info: rmg.co.uk/whats-on/online/think-space-lectures

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

Sign up for the **ROG schools' newsletter**

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

Information correct at time of publication, October 2025.

Images © National Maritime Museum, Greenwich, London

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.

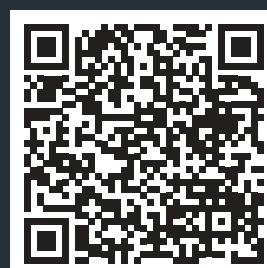
Prince Philip Maritime Collections Centre

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

Royal Observatory

The home of time and astronomy.

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



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