

cross-curricular study day programme for secondary schools 2009–10

All pre-booked school visits to the Museum are free of charge



As early as 2030, the Arctic Ocean
could be completely ice-free.

National Maritime Museum, Queen's House and Royal Observatory, Greenwich a school visit

A visit to the National Maritime Museum, Greenwich, offers a truly superb day out and a compelling learning experience for students. All sessions (excluding the Planetarium) are free and must be booked in advance.



The National Maritime Museum

The Museum's 'Your Ocean' gallery allows students to explore and learn about topical, marine environmental issues. The gallery shows students how we are dependent on the health and survival of the world's oceans. Other Museum galleries explore stories of our maritime past, present and future, and offer a rich cross-curricular resource for schools.



The Royal Observatory, Greenwich

The Observatory is home to Greenwich Mean Time and the Prime Meridian (Longitude 0°), and is one of the most important historic scientific sites in the world. It was founded by Charles II in 1675 and is, by international agreement, the official starting point for each new day, year and millennium. It was also the residence of the Astronomer Royal until the 1950s.



The Queen's House

A 'house of delight' for Queen Henrietta Maria, wife of Charles I, this architectural masterpiece was designed by Inigo Jones. In the Queen's House you can meet an array of Tudors and Stuarts through their portraits and enjoy famous paintings of the Spanish Armada and many other subjects.



Maritime Greenwich

Set within the breathtaking Maritime Greenwich World Heritage Site, a short journey from central London, a school visit also includes opportunities to explore the scenic, tree lined spaces of Greenwich Park and experience one of the finest views in London.

For further information and resources visit nmm.ac.uk/schools

All sessions are free and must be booked in advance

cross-curricular: key stage 3

learning sessions for students

North-West Passage Study Day: the Fate of Franklin

History and Science: Key Stage 3

The search for the elusive North-West Passage as an alternate trade route to the East has captured the imagination of explorers since the 15th-century, and cost some their lives. Now, with the effects of global warming, this is finally becoming a viable trade route and the mystery surrounding one such fatal mission may finally be solved. During this study day students will use skills in independent enquiry and creative thinking, looking at a range of sources to unravel the mystery surrounding the fate of Franklin and his men.



The day includes:

Workshop: Surviving the Arctic

A hands-on session in which students find out what it would actually take to survive in the Arctic. Using resources from the recent Catlin Arctic surveying mission, they will investigate the demands made on the body in these extreme conditions, as well as how modern explorers are equipped to cope. Modern approaches will be compared and contrasted to those of historical explorers, like Franklin, as well as to those of the Inuit people who have lived in this environment for thousands of years.

Manuscripts

A unique opportunity to view the Museum's collection of original documents, including letters written by and about Franklin, as well as a wealth of other resources describing Arctic conditions. Experts will be present to guide students and answer questions.



'The North-West Passage: An Arctic Obsession' exhibition and post-visit activity

This exhibition displays a wide range of primary and secondary source material relating to the search for this elusive trade route, as well as information about modern research being conducted in this part of the Arctic. While visiting the exhibition students will use specially adapted mobile 'phones to collect information about the objects on display, recording their own interpretations of what these objects tell us about the fate of Franklin's party. Back in the classroom students can use this information to create and share a multi-media display of their own conclusions regarding the fate of Franklin and his men.

Mondays 10.00 – 14.30

12 October, 16 November, 30 November

Accommodates 90 students

[Why not extend your day to include a Peter Harrison Planetarium show, Ice Worlds, taking a tour of the icy planets and moons of our solar system including the Earth's own polar ice-caps? Ask the Bookings office for more information.](#)

A single planetarium show carries a charge of £45 for a group of up to 16 students and £90 for a group of up to 32 students. One adult is admitted free with every eight students.

cross-curricular: key stage 3

learning sessions for students

Environment Study Day: Climate Change

Geography, Science and Citizenship: Key Stage 3

This lively and varied study day looks at issues including weather trends, climate change and its effects on environments and people.

The day includes:

Workshops

Hands-on workshops encourage students to participate in lively debate surrounding climate-change issues. Combining scientific understanding with geographical and social impacts, students will gain an appreciation of both the local and global implications of our actions.

'Your Ocean' gallery and post-visit activity

The 'Your Ocean' gallery displays a wide range of information relating to the environment, sustainability and the impact of human actions on the sea. Students will use specially adapted mobile 'phones to collect information about the objects on display, which they can access back in the classroom to create and share a multi-media display of their conclusions.

Mondays 10.00 – 14.30

Accommodates 90 students



Your Future: Environment Study Day



Geography, Science and Citizenship: Key Stage 3

An innovative, dual-site opportunity for KS3 students to study the local and global implications of climate change, incorporating visits to both the National Maritime Museum and the Thames Barrier.

The National Maritime Museum, with its unique setting on the Thames and collections relating to the marine environment, is an ideal location to learn about the global implications of climate change. Students will participate in a workshop and explore global causes and consequences of climate change using mobile learning devices in the 'Your Ocean' gallery.

The Thames Barrier, one of London's most striking and famous landmarks, protects 1.25 million people and 125 square kilometres of London's most important and historic buildings. Learn how its ten steel gates currently shield us from tidal surges before examining their life expectancy in the light of predicted sea level changes.

Schools can travel between the two sites on local buses or by river.

Please contact Thames Barrier to arrange a booking
T: **020 8305 4188**

Fridays 10.00 – 14.30

13 November, 22 January, 05 March

Accommodates 60 students

costs £90 per class

All sessions are free and must be booked in advance

Please note

Cancellation of a pre-booked session less than 28 days before your visit, or bringing less than half your booked numbers, will incur a fee of £150 for a full study day, or a fee of £75.00 for a session.

All cancellations must be received in writing, by post or email, by our Bookings team.

How to book a visit

Booking a visit could not be simpler. Please telephone or e-mail the Bookings Unit to arrange, ensuring you have completed the following check list.

- You have the preferred date of your visit, preferably also with a range of possible alternatives.
- You can provide a description of the learning needs of your group, including any Special Educational Needs.
- The number of adults attending is sufficient to meet the minimum requirement of one adult for every ten students.

Please remember to ask about relevant support materials for your visit and enquire about the availability of the lunch room.

Our Booking Team will be happy to provide advice on getting around the site and will post resources, site plans and an itinerary with your confirmation to help you to brief students and group leaders prior to your visit.

T: **020 8312 6608**
F: **020 8312 6522**
E: **bookings@nmm.ac.uk**

Book a CPD session

The Museum offers a wide range of bespoke and pre-planned Professional Development days for schools. Please contact our bookings office to request a brochure.

Teachers Professional Development Programme 2009-10

"The growth of understanding follows an ascending spiral rather than a straight line"

Joanna Field, b.1900



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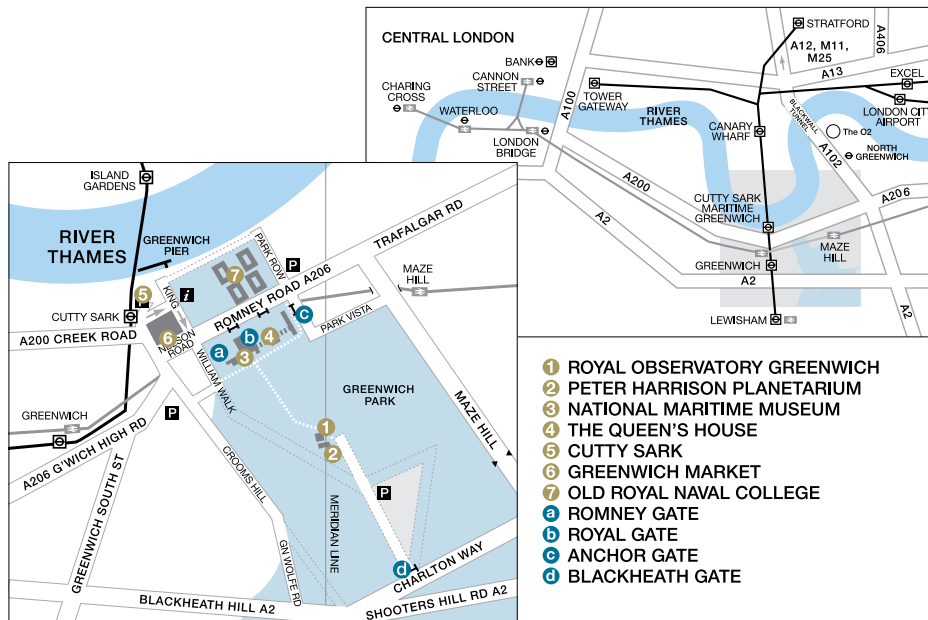
Maritime Greenwich is a beautiful and famous World Heritage Site with thousands of visitors. Please help us to look after Greenwich and the Museum by disposing properly of all litter and other waste in the rubbish or recycling bins provided.



Winner of the Sandford Award for Heritage Learning

National Maritime Museum, Queen's House and Royal Observatory, Greenwich

how to get to Greenwich



By Rail

Docklands Light Railway

to Cutty Sark for Maritime Greenwich.

Mainline

London to Greenwich in about 20 minutes from Charing Cross / Waterloo East / Cannon Street / London Bridge.

By River

Catch the riverboat to Greenwich from Westminster / Waterloo / Embankment / Tower Pier.

By Road

Recommended road connection from the M25 via A2 Junction 2 or M11 / A12 Blackwall Tunnel

Car Parking

car parks are situated at

- Cutty Sark Gardens
- Park Row (on the opposite side of Romney Road to the Museum)
- Greenwich Park adjacent to the Observatory

By Bus

To Blackheath 53 / 54 / 202 / 380

To Greenwich 177 / 180 / 188 / 199 / 286 / 386

Coach Parking

Free coach parking is available on Charlton Way and Norman Road. Coaches may set down in the bus lane on Romney Road at the Museum gate.

London Travel Information

T 020 7222 1234

W www.tfl.gov.uk

Opening Times

10.00 – 17.00 daily

Last Admission

Half an hour before closing

Closed

24 – 26 December

Bookings Unit

T 020 8312 6608

F 020 8312 6522

E bookings@nmm.ac.uk

Learning and Interpretation

W www.nmm.ac.uk/schools

National Maritime Museum

London SE10 9NF

W www.nmm.ac.uk

Royal Observatory, Greenwich

W www.rog.nmm.ac.uk