



London Museum of Water & Steam



Education Sessions 2019

Quality Badge awarded by



The London Museum of Water & Steam is ideal for Primary School visits with pre-planned days to choose from. Pupils will take part in a session and go on a topic-focused tour with the Learning Coordinator.

Benefits of bringing your class to London Museum of Water & Steam:

- Pupils enjoy a uniquely memorable day out in a genuine Victorian Pumping station, surrounded by engines of the Industrial Revolution
- A pre-scheduled and fully hosted day with the focused and personalized attention of the Museum Learning Coordinator
- We only welcome 1 school per day
- We are closed to the public on Mondays and Tuesdays but can open especially for your school
- Free coach parking in our Museum carpark
- Well connected to Kew Bridge national rail, Gunnersbury Park underground and Overground and bus routes to Richmond, Kingston and Hammersmith
- Space for storing coats, bags and lunches
- Lunch room and toilet facilities on site
- Café available for teachers and supporting adults Wednesday-Friday
- Relevant materials including pencils and worksheets provided
- Outdoor play areas

A typical day will include a session, a water quiz, a tour on the topic of your choice and time for lunch inside the Museum.

Through investigating the science and history of health, water purification and technology we aim to encourage and motivate pupils who might wish to consider a life-changing career in STEM subjects.

If you have any questions, please email the Learning Coordinator on learning@waterandsteam.org.uk or call 020 8568 4757



“The session provided
was excellent value for
money”
Teacher Year 4

“Our pupils cannot stop
talking about the
Boulton and Watt”

**Curriculum
links**

Can be tailored to all
Key Stages of
Science/History
curriculum

Duration: 30 mins

Full Steam Ahead!

SEE ONE OF OUR ENGINES IN STEAM

Appropriate for Key Stages 1 & 2

Pupils will witness one of our amazing 19th century pump engines in steam and learn about the processes and technologies involved in generating the power to pump water into people’s homes. Discover the story of industrial pioneers James Watt and Matthew Boulton and marvel at the engine that helped to build a modern city.

Learning outcomes

Pupils will consider through first-hand experience the industrial revolution, the science behind it and the impact on people’s lives.

Session Focus

Choose from:

- How does a steam engine work?
- How does the water come out of the tap?
- Force and Energy (KS2)



**This session costs an additional £75 + VAT in
addition to the entrance fee**





“I love this museum!”
Edi Year 1

“As soon as I held
the different
artifacts, I could feel
the Victorian
atmosphere”

Megan Year 5

LOCOMOTIVE

TAKE A RIDE ON A STEAM RAILWAY

Appropriate for all Key Stages

Pupils will have the chance to ride our very own steam locomotive, investigate how transport has changed throughout history, and will get the chance to handle some museum objects. Sessions can be adapted to consider energy, motion and forces, and Britain as an industrial nation.

Learning outcomes

By the end of the session pupils will understand how changes have occurred and the similarities, differences and significance of historical events.

Curriculum links

Links with Science
and History

Duration: 45 mins



This session costs an additional £40 + VAT in
addition to the entrance fee

 **London
Museum
of Water
& Steam**



BILLY BOB'S BRILLIANT BATH AND OTHER STORES

Appropriate for Early Years

This interactive puppet show follows the story of Billy Bob as he learns all about boats, submarines, and the water in his bath tub! We also have a very interactive re-telling of Edward Lear's famous poem the Owl and the Pussycat.

Learning outcomes

To listen, understand and interact with the storyteller. To understand what coal is and what it is used for.

This session costs £90 per class in addition to the entrance fee

“Great fun!”

EYFS Teacher

Curriculum links

Listening and Attention

Understanding the world

Duration: 30 mins



**London
Museum
of Water
& Steam**



“A great day for the children”

Teacher Year 1

Curriculum links

Cross curriculum links with Science and History

Duration: 30 mins

WONDERFUL WATER SHOW

MEET MRS TRISTRAM

Appropriate for Key Stage EYFS & KS 1

Pupils will travel back in time and learn about the history of making London’s water supply clean. Through role play, they consider clean and dirty water sources, how water is purified and pumped into people’s homes.

Learning outcomes

By the end of the session pupils will develop an awareness of the past and begin to understand that events fit within a chronological framework.



This session costs £90 per class in addition to the entrance fee





“I loved all the activities and would love to come again”

Keith Year 2

VICTORIAN WASHDAY

WHAT WOULD WE DO WITHOUT WASHING MACHINES?

Appropriate for Key Stages 1&2

Pupils will have the chance to explore, using real museum objects, how the Victorians did their clothes washing. They will consider the effort involved and how machinery, through time, has changed the process.

Learning outcomes

By the end of the session pupils will begin to understand the concept of product development and will understand the consequences and changes associated with historical advancements.

Match with a tour

Choose a theme:

- Forces
- History

Curriculum links

Historical changes, similarities, difference and significance

Duration: 30 mins



This Session Day costs £5 per head





WATER FILTRATION

HOW CLEAN WILL YOUR WATER BE?

Appropriate for Key Stage 2

Pupils will discuss the importance and history of supplying clean water to homes. Using scientific equipment and different materials, pupils will then work as a team to create their own filtration beds.

Learning outcomes

By the end of the session pupils will be able to make their own decisions about the appropriate techniques and materials to use in scientific enquiries.

Match with a tour:

Choose a theme:

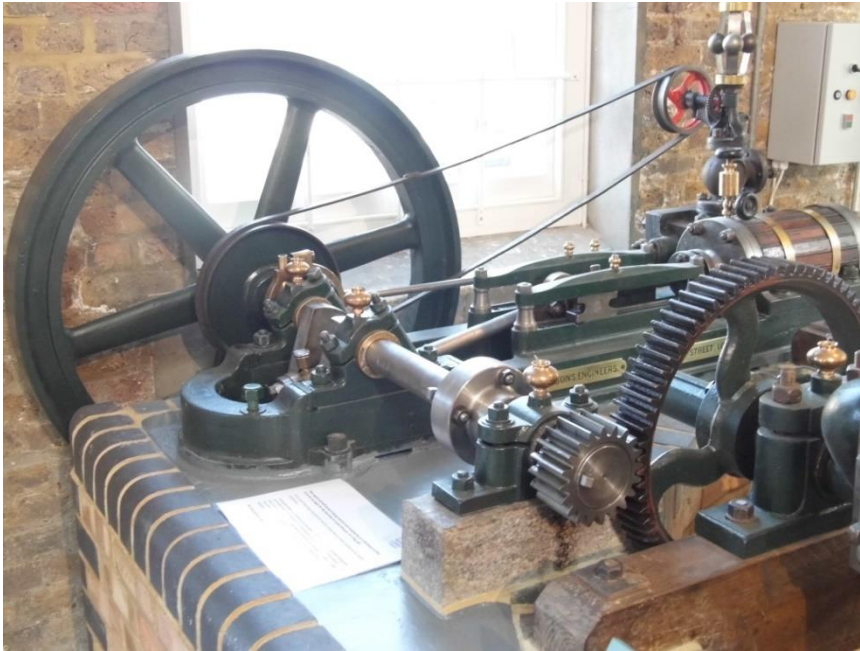
- Forces
- History

This session Day costs £5 per head

“The experiments were great”
Sarah Year 4

Curriculum links
Cross curriculum links with Science and History
Duration: 30 mins





SEN and Home Education Visits

EXPLORE THE MUSEUM!

Appropriate for all Key Stages

From KS1 children studying historical changes to Engineering students studying thermodynamics, the Museum has something to offer everyone in a Self-Led visit.

Pupils can:

- Discover the power of steam in our engine houses.
- Explore the story of London's water supply in our Waterworks Gallery.
- Get to grips with our interactive Splash Zone.

Get in touch at learning@waterandsteam.org.uk to find out more

Self-led visits are £3 per head

“The pupils had a wonderful time exploring the Museum independently.”

Year 6 teacher

Curriculum links

Cross curriculum links with Science and History, Engineering and Art

Duration: Museum opening hours



Frequently Asked Questions

How do I get to you?

We are easily accessible via public transport. Please see the [Plan your visit](#) section of the website for directions and more information on how to find us.

Is there coach parking?

Yes. Please specify that you need coach parking on your booking form.

Are lunch facilities available?

Yes. You are welcome to use the Steam Hall or Babcock room to eat your packed lunch (by prior arrangement with the Learning Coordinator) or picnic in our Museum Garden. The Museum has a small café open Wednesday – Friday where teacher and accompanying adults are very welcome to purchase refreshments. Please note, there are no café facilities on Mondays and Tuesdays but there are coffee shops nearby.

Why are engine and locomotive days more expensive than session days?

It takes 2-3 hours of boiler preparation in order to run the engines or the locomotive and we need to take into account the cost of fuel. These sessions also require the expertise of the Museum Operations Manager.

How do I pay?

Payment for teaching sessions must be received two weeks in advance of the visit. You will be invoiced following confirmation of your visit date and on receipt of your booking form. Payment for school sessions can be made by cash, cheque, credit/debit card or bank transfer. Details for these methods can be found on your invoice.

Is there a charge for accompanying teachers?

We ask that the ratio of adults to pupils meet the following criteria:

- Age 6 yrs (KS1) and under: 1:5
- Age 7 (KS2) to 18 yrs: 1:10

Teachers and adults fulfilling these ratios are admitted free of charge, as well as adults needed for 1:1 assistance. Additional adults will be charged the standard group rate which is £7.50 per adult.

What time do sessions start?

We ask that schools arrive no later than 10:30am and school days will finish at 14:00.

What should I do on arrival?

When your school party arrives, please report to the main visitor reception where the Learning Coordinator will come to meet you. Please note that access is via the museum car park - care should be taken as noted in the Museum risk assessment.

What happens if I am late or have to cancel?

Please call the museum on 020 8568 4757 as soon as possible if you are going to be late for a visit.

We regret that no refunds can be given for cancellations made less than a week in advance of your visit. If a cancellation has to be made due to exceptional circumstances, every effort will be made to reschedule your visit.

Can we do a pre-visit/risk assessment?

Yes. We encourage teachers and educators to come free of charge for a pre-visit to conduct their own risk assessments. If you would like to do so, please contact the Learning Coordinator to arrange a time. The LMWS has conducted its own risk assessment which can be found on our [Useful Links & Downloads](#) page on our website.

SEN (Special Educational Needs)

We want to ensure pupils get the most out of their visit, please inform us in advance of any groups/ students with additional needs so we can adapt the session accordingly. The Learning Coordinator is currently developing SEN specific sessions; in the meantime please contact us on learning@waterandsteam.org.uk to discuss your schools specific needs.

Is the Museum accessible by wheelchair?

Approximately 85% of the museum is accessible to wheelchair users via rising platform lifts. There is an accessible toilet in the Stokers Café. Details of our full accessibility statement can be provided on request.

Is there a gift shop?

Yes. The gift shop is located in the entrance of the museum, adjacent to the café and ticket desk. Please inform the Learning Coordinator prior to your visit so our volunteer shop assistant can be briefed. You are welcome to browse in the shop but we kindly request that this done in small groups of no more than 10.

How many pupils can you accommodate per session?

A maximum of 60 pupils at any one time. Booking is essential for all sessions.

What do we do with our Coats/Bags?

We have a dedicated space for coats and bags.

We cannot take any responsibility for any loss or damage to personal belongings. We recommend that pupils do not bring valuable items to the museum.

Do you have toilets on site?

The Museum has accessible toilets just off of the Steam Hall. There is also a disabled toilet directly in front of the museum entrance next to the cafe counter. For more information on the Museum site plan please see our [Useful Links & Downloads](#) page on the website.

Is photography/filming permitted on site?

You are more than welcome to photograph your school pupils enjoying their visit, along with our site and exhibitions, however we kindly ask that you do not film or video any of our educational sessions.