

EXPLOSION! Museum of Naval Firepower

Pupils will be able to see the original Powder Magazine dating from 1771, explore the stories of those who worked at Priddy's Hard and wonder at the size of the big guns and shells used during the First and Second World Wars. A visit cannot fail to make an impression on pupils' understanding of what conflict really means and the consequences it can have.

Discovery Visits

A Discovery Visit is where pupils discover the museum galleries for themselves with teacher supervision. Discovery Visits can be facilitated by using activity sheets and trail resources which are available if requested when making a booking. A pre-booked Discovery Visit to the museum is FREE.

Special educational needs and access provision

The buildings are wheelchair accessible with accessible toilets. Wheelchairs are available from us if needed. Handling trails and artefacts can also be arranged for those with other needs. Just let us know at the time of booking.



Joint visits

Your group can choose to combine two of our museums in one day, such as the Submarine Museum in the morning and Explosion Museum in the afternoon. It can enable, for example, Key Stage 2 groups to get a more complete understanding of World War Two, the Royal Navy, local industry, Portsmouth Harbour and this geographical area. It can also allow Key Stage 4 groups studying History (GCSE – AQA History B) to focus on Britain at war, strategy and technological change. Please discuss with us how we can support your visit.

World War Two trail

Target group: Key Stage 2 (Year 4, 5, 6)

Curriculum links: History (Chronological knowledge beyond 1066, local history)

Price: Discovery Visit free, self-guided trail available on request

This self-guided trail looks at how technological developments affected the war at sea, about the munitions workers at Priddy's Hard and the air raid precautions on site.

KS
2

How to book

It is essential to book all visits in advance.

Preliminary visits

We strongly advise a preliminary visit in order to familiarise yourself with the site and complete risk assessment paperwork. Preliminary visits are free of charge but school identification (such as a headed paper) is required. Please speak to the Learning Team to arrange this before your visit.

Cancellations

If you need to cancel your booking please do so 21 working days prior to your visit. Unfortunately, you will incur charges if you do not give the required notice.

Prices

Discovery Visit	Price
Royal Navy Submarine Museum (includes HMS Alliance, workshop and galleries)	£3.50 per pupil
Explosion Museum – Discovery Visit	FREE
Accompanying adults	KS1 – 1 free adult for every 5 pupils, KS2 – 1 free adult per 10 pupils, KS3 – 1 free adult per 15 pupils.

Prices are correct at time of print and include VAT where applicable. Any changes to published prices will be explained at the time of booking.

Contacting us

For information on Learning voyages please contact the Learning Department on 02392 545033 or 02392 727584. Alternatively email education.bookings@nmrn.org.uk

Lunch facilities

Indoor facilities can be booked in advance.

Health and safety

We have comprehensive codes of practice and policies covering Health and Safety, Safeguarding, Risk Assessments and First Aid. Copies are available on request.

Outreach

A number of our workshops are available as outreach. For information on prices and availability please contact the Learning Department on 02392 727584 or e-mail education.bookings@nmrn.org.uk



Primary and Secondary
Schools Programme

Learning voyages

THE ROYAL NAVY SUBMARINE MUSEUM AND EXPLOSION! MUSEUM

Autumn 2016
Summer 2017

Welcome to Learning voyages from the Royal Navy Submarine Museum. This brochure also includes Explosion Museum.

Come on board the UK's only surviving World War Two era submarine and discover more about what it was like to live beneath the waves.

Join our submariner guides who will describe what it was like on HMS Alliance. Experience the submarine's interior which contains the belongings and the recreated sounds of the crew. This atmospheric experience provides inspiration for history, science, creative writing and art in particular.

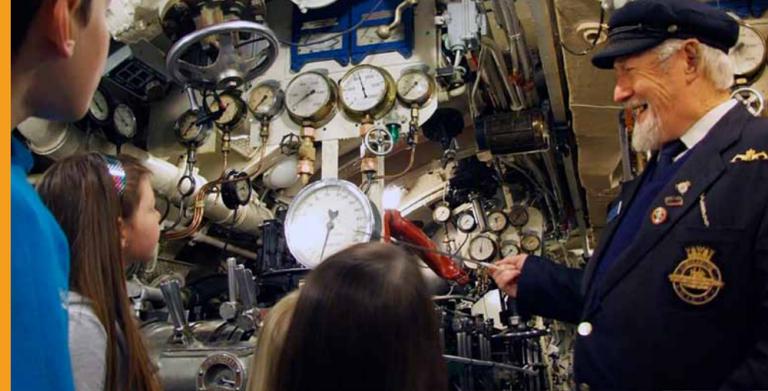
Our led workshops link to the National Curriculum and allow your group to make the most of the educational aims of their visit. The science sessions contain experiments where children can make links to real life technology. The hands-on history sessions include the use of amazing photos, documents, costume and artefacts.

There is still a chance to see the exhibition, 'First Out, Last In', which focuses on submarines in the First World War and is relevant for those studying the first half of the twentieth century. We also offer a number of fun sessions in Busy Boats Bay, the play and explore zone especially designed for younger children, which ensures there is plenty to see and do for all ages.

We can, by arrangement, mix and match activities to give you a bespoke session to suit your needs. We look forward to seeing you soon.



Discovery Visits



Key Stage 1 and 2



Key Stage 3 and 4

There is plenty to see in our galleries. The hands on learning in the interactive science of submarines gallery is complemented by our history galleries.

Holland One, the Royal Navy's first submarine, makes a good comparison with our Second World War era submarines, offering a sense of how technological developments shaped the world. The **Modern Submarines** gallery explains Britain's role and place in the world during the Cold War, and as Gosport was the home of the Submarine Service, there are links to local history.



Trails and activity sheets

Trails, activity sheets and resources are available to assist with your visit. Some of these can be downloaded at <http://www.submarine-museum.co.uk/education-service/learning>.

Others are laminated and linked to specific types of visit. These can be provided on the day by prior arrangement. Just ask at the time of booking.

Tours of HMS Alliance

Fully guided tours are operated during the winter season and last approximately 45 minutes. During the summer season, due to high demand, groups are allocated a 30 minute time slot on HMS Alliance with an introduction by our guides with other guides stationed throughout the boat to offer assistance.

Special educational needs and access provision

Handheld audio devices describing the collection are available, by prior arrangement, for booked groups of people with visual impairments. The buildings are wheelchair accessible with accessible toilets and a lift. HMS Alliance is partially accessible for wheelchair users. We can provide wheelchairs, handling artefacts, trails or activities for those with learning difficulties or other types of needs. Please discuss these with us beforehand.



Living under the sea

Target group: Key Stage 1 (Years R and 1)
Curriculum links: Science (identifying and comparing materials, performing simple tests, using observations and ideas to suggest answers)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Pupils enjoy a story with glove puppets, dressing up and artefacts. They find out about different sea creatures through games and craft, see which materials rust, why things float and use our special water play area to test boats.

KS
1

Going places

Target group: Key Stage 1 (Years 1 and 2)
Curriculum links: Geography (using world maps, atlases and globes, identifying hot and cold areas, equator and polar areas)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Pupils discover where HMS Alliance travelled to and what to take for the climate. Make a simple map and take an imaginary journey on our boats. Find examples of transport in Busy Boats Bay before the sharks come near!

KS
1

Skull and crossbones

Target group: Key Stage 1 (Years R, 1 and 2)
Curriculum links: History (significant events, people and places in their locality)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Pupils discover the connections between pirates and the submariners, who were based locally, learn more about pirates that live beneath the sea through fun games and create an individual Jolly Roger based on those in our collection.

KS
1

World War Two above and beneath the waves

Target group: Key stage 2 (Year 4, 5 and 6)
Curriculum links: History (chronological knowledge beyond 1066, local history)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Through a range of hands-on activities teachers can select themes such as the Battle of the Atlantic as a turning point, submarine missions, evacuees, children's toys, munitions, communications, propaganda, rationing, air raids or 1940s home life.

KS
2

Daring deeds and heroic histories

Target group: Key Stage 1 (Year 2) and Key Stage 2 (Years 3, 4 and 5)
Curriculum links: History (significant events, people and places in their locality, local history)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Exciting local history is brought to life through shadow puppets to tell the stories of submariner winners of the Victoria Cross and special secret missions on X-Craft. Prepare for a mission and try out the skills needed for such heroic acts.

KS
1 & 2

The science of submarines

Target group: Key Stage 2 (Year 4, 5 and 6)
Curriculum links: Science (friction, air and water resistance, how things move on different surfaces)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Pupils learn how to construct and operate a submarine by working as a team to investigate diving, surfacing, steering and speed. They make and test a simple model submarine.

KS
2

World War Two above and beneath the waves

Target group: Key Stage 3 (Year 7)
Curriculum links: History (the Second World War and Winston Churchill)
Price: Discovery Visit and 1 hour workshop £3.50 per pupil

Students investigate a range of primary sources including artefacts, documents and images to learn what life was like for the crews. They then analyse how important submarines were in determining the outcome of the war to decide if they agree with Churchill's opinion – or not?

KS
3

Life and times: A submarine snapshot

Target group: Key Stage 3 and 4 (Year 7, 8, 9, 10 and 11)
Curriculum links: History (historical perspective, chronology, social, local, technological change)
Price: Discovery Visit and 40 minutes to 1 hour workshop £3.50 per pupil

Through handling artefacts, costume and images, students get a chance to have a general overview of the life of the crew, some key developments in submarines and HMS Alliance in particular.

KS
3 & 4