

Primary School  
and Nursery  
Programme  
2015–16



National  
Museums  
Scotland



# Welcome to a world of learning

Enrich your learning and teaching with the help of our incredible collections. Science and technology, the natural world, art and design, world cultures and Scottish history – we cover it all at our four national museums.

## Choose from:

- Expert-led workshops
- Object handling boxes
- Teacher-led visits
- Teaching training and support

## Decide when you want to come

Our programmes are available throughout the year. Some workshops take place on certain dates. Check this booklet for details or visit [www.nms.ac.uk/schools](http://www.nms.ac.uk/schools)

## Book now

To book your visit, complete our online booking form at [www.nms.ac.uk/schoolbooking](http://www.nms.ac.uk/schoolbooking)

For more information email [schools@nms.ac.uk](mailto:schools@nms.ac.uk) or call:

**National Museum of Scotland**  
0131 247 4041

**National Museum of Flight**  
0131 247 4238

**National Museum of Rural Life**  
0131 247 4377

**National War Museum**  
0131 247 4041



Cover image © Ruth Armstrong;  
Images © Ruth Armstrong

You can also access **Free!** free resources at [www.nms.ac.uk/schools](http://www.nms.ac.uk/schools)

Including:

- Glow TV sessions throughout the year (see p11)
- Information to help you plan your visit

Scottish history, nature, world cultures, science and technology, art and design – you can find it all here. Highlights in 2015-16 include an extended Magic Carpet programme for early years, opportunities for classes to explore outer space in Searching Our Skies workshops, and new exhibitions on Victorian photography and Celts.

*In June 2016, ten new galleries will open showcasing the museum's collections of science and technology, decorative art, design and fashion. To make way for this exciting transformation, some of the museum's galleries, including Ancient Egypt and Connect, have been closed for redevelopment. Many Ancient Egyptian artefacts can still be seen throughout the museum, download our free Egyptian Trail at [www.nms.ac.uk/trails](http://www.nms.ac.uk/trails)*

## Early Years

### Magic Carpet

Early & first level (Nursery–P1)

Available Monday, Tuesday & Friday

Climb aboard the Magic Carpet to discover our collections through songs, stories, and hands-on activities. Choose from the following topics:

- **African Animals**

Discover more about African animals. Learn some Swahili and hear African animal stories

- **Pacific Island Adventure**

Journey across the sea to find out how the Pacific Islands came to be and learn a Maori war dance

- **Dinosaurs**

Learn about dinosaurs and the people who dig them up. Search for fossils and handle some dinosaur bones

- **Outer Space**

Become astronauts and blast off into space with Space Ted. Discover the planets and capture stars to take back to class

Our Magic Carpet can seat up to 25 children, plus adults.

10:15/11:30/13:15 (60mins) £35

### Space Explorers

First level (P2–P3)

Become astronauts by blasting into space in this interactive session. Learn about the planets through games and stories, handle real meteorites, and receive a certificate for each pupil.

10:15/11:45/13:15 (75mins) £70

## Social Studies

### Death in Ancient Egypt

First & second level (P2–P7)

Discover how and why Egyptians created mummies then work in groups to find out more about the people behind mummified figures. Pupils will handle real Egyptian objects, practice reading hieroglyphics and create their own archaeological log book. *Classes can also use our Egyptian Trail to discover Ancient Egyptian objects in the museum.*

10:15/11:45/13:15 (75mins) £70

### So You Want to Be a Viking?

First & second level (P2–P6)

Mon 5–Thu 8 Oct 2015 & Mon 22–Thu 25 Feb 2016

Join Vikings Sven and Ulrika in an entertaining and interactive show! Bust some myths about Vikings, discover how they named their swords, and enjoy a real Viking Saga.

10:30/11:30 (45mins) £70

### Romans and Gladiators

First & second level (P2–P5)

Mon 23–Thu 26 Nov 2015

Mon 18–Thu 21 Jan 2016

Mon 25–Thu 28 April 2016

Meet a Roman soldier to discover how he was trained, what equipment he used, and what life was like in the army. Classes will re-enact the story of a soldier being sent to gladiator training school!

10:15/11:30/12:30 (45mins) £70



Image © Ruth Armstrong



### Jacobites Alive

First & second level (P4–P7)  
 Mon 25–Thu 28 Jan 2016

Travel back to the 1700s and meet a gentleman of Edinburgh who will lead your class through the story of two characters – a Highlander and Bonnie Prince Charlie.

10:15/11:30/12:30 (45mins) £70

### Mary, Queen of Scots

First & second level (P4–P7)  
 Tue 27–Thu 29 Oct 2015  
 Tue 1–Thu 3 March 2016

Meet Mary, Queen of Scots and discover what life was like for a child at the Scottish royal court in the 1500s. How do you behave in the presence of royalty? Mary herself reveals the answers.

10:30/12:30 (75mins) £70

### Scots and Emigration: Exploring Evidence

First & second level (P4–P7)

Explore evidence behind the Highland Clearances in this hands-on workshop. Classes will use real and replica artefacts to find out why people left and what their lives were like in North America.

10:15/11:45/13:15 (75mins) £70

### Making a Classroom Museum

First & second level (P4–P7)

Why not turn your next learning display into a museum exhibition? In this workshop, pupils will work with collections from around the world to learn the skills that museum staff use to display, care for and promote exhibitions.

10:15/11:45/13:15 (75mins) £70

### Digging Up the Past: Celts

First & second level (P2–P5)  
 Mon 11–Thu 14 April 2016  
 Mon 16–Thu 19 May 2016  
 Mon 13–Thu 16 June 2016

How can we discover what life was like in our ancient past? Dig for evidence, explore archaeological objects and use detective skills to piece together Celtic mysteries.

Includes entry to our exhibition *Celts*.

10:15/11:45/13:15 (75mins) £70

### Walk in the Footsteps: The Victorians

Early & first level (P2–P5)  
 Mon 17 Aug–Fri 20 Nov 2015

Explore the Victorian era through object handling, period clothing, and an engaging trail around our galleries. Then have a photo taken in front of Victorian scenery in this self-led visit. Includes entry to our exhibition *Photography: A Victorian Sensation*.

(1 hour: exhibition, 1 hour: handling box and trail)  
 £3 per pupil, one adult goes free for every five pupils.

## Science

### Explore Your Universe: Searching Our Skies

First & second level (P4–P7)

How do we look into space and what can we discover? See the oldest telescopes in our museum, before making individual working telescopes to take back to class. Then find out about the latest technologies being used to look deeper into space.

10:15/11:45/13:15 (75mins) £70



### Dinosaur Discovery

First & second level (P3–P7)

Five large packages containing real fossils, images and replicas have arrived at the museum. Pupils will work in groups to discover which dinosaur each belongs to, before revealing their findings to the class.

10:15/11:45/13:15 (75mins) £70

### Animal Adaptations

First & second level (P2–P7)

Why does a leopard have spots? How can an elephant avoid sunburn? Investigate our animal specimens, including an elephant's tooth and arctic fox fur, to discover why and how they have developed as they have. Pupils will also design and draw their own animal.

10:15/11:45/13:15 (75mins) £70

### Volcano: Seconds from Disaster!

Second level (P5–P7)

Travel to Montserrat where a volcano is about to erupt! Pupils take on real-life roles as politicians, scientists and community members who have to work cooperatively to decide what action they will take to survive.

10:15/11:45/13:15 (75mins) £70

## Object Handling

Get hands-on with our amazing artefacts and natural world specimens. Choose from:

### Enabler-led Object Handling

Our expert Enablers will help your pupils explore our object handling collection and take them on a Gallery Safari. Available for:

- Romans
- Vikings
- Ice Age Animals

(60mins) £70



### Teacher-led Object Handling Boxes

Free!

Explore our object boxes using our notes for teachers. Available for:

- Amazing Animals
- Ice Age Animals
- Mystery Objects
- Romans
- Scotland's Birds and Mammals
- Scotland's Early People
- Scots and Emigration
- Scotland's Rocks and Fossils
- Victorians
- Vikings

(45mins)

# National War Museum

Edinburgh Castle  
EH1 2NG  
0131 247 4041  
schools@nms.ac.uk

Step back in time with your pupils and discover the story of Scotland at war. Relive wartime experiences, from the frontline to the home front, through personal mementoes and military equipment. Book our free object handling collection of letters, photographs and uniforms as part of your visit.

## Teacher-led Wartime Life Experience

Free!

Second level (P5–P7)

Relive the real-life experiences of Scottish evacuees, prisoners of war, sailors and those left at home, supported by our 1940s Wartime Life resource pack. Examine letters, photographs and uniforms, hear news from the frontline on the wireless, and watch as veterans recall their experiences on DVD.

(75mins)

## Ghosts of War: Armistice Day Poetry

Second level (P5–P7)

Mon 26–Thu 29 Oct 2015

Mon 2–Thu 5 Nov 2015

Explore the museum's powerful exhibits, share in an Act of Remembrance, and develop a knowledge and understanding of the world by writing poems of war and peace with the Scottish Poetry Library.

10:00 (4.5hrs) £70

*In partnership with the Scottish Poetry Library and Historic Scotland.*

## Hands-on History: Trench Warfare

Second level (P5–P7)

Get to grips with First World War trench warfare by examining evidence in our object handling collection and first-hand accounts of wartime experiences, including letters and photographs.

10:00/12:30 (2hrs) £70



Image © Ruth Armstrong

## Rebels and Redcoats

First & second level (P4–P7)

Mon 11–Thu 14 Apr 2016

Hear both sides of the story on this full-day visit to Edinburgh Castle. Tour the defences with our regimental Redcoat, visit the prisons with our Jacobite soldier, explore the museum's collections, and find out how the rebellion failed.

10:30 (4hrs) £2 per pupil

To book call **0131 652 8155/8156**

*In partnership with Historic Scotland.*

## Prisoner of War Radio

Second level (P5–P7)

Mon 9–Thu 12 May 2016

What were conditions like for Scottish soldiers in Prisoner of War camps? How did you get news from the outside world? Working in teams, design a crystal radio set then use Morse Code to plan your escape with the help of the local resistance movement.

10:00/12:30 (2hrs) £70

# National Museum of Rural Life

Wester Kittochside  
East Kilbride G76 9HR  
0131 247 4377

Take in the sights, sounds and smells as your class explores our 1950s working farm and historic farmhouse. Explore life in the countryside during wartime, find out where the food in your lunchbox comes from and discover the wildlife on your doorstep.

## Early Years

### Magic Carpet

Early & first level (Nursery–P1)

Climb aboard our Magic Carpet to discover our collections through songs, stories, and hands-on activities. Choose from the following topics:

- **The North Wind and the Sun**

Learn all about the seasons through this fun adaptation of an Aesops fable. Can the sun's warmth be more powerful than the north wind?

- **All the Colours of the Day**

Meet a curious owl who decides to stay awake during the day. He can't believe the beautiful colours all around him, throughout day and into night.

- **Bertie's Babyccino**

Join Bertie as he leaves his beloved babyccinos in the city and journeys to the farm. City and countryside can't be more different but there is something that features in both of Bertie's special worlds... MILK!

- **Scots Farming**

Whit's a dug, coo or yowe? Meet a Tattie Bogle and learn all about the Scots words we use on the farm through stories, songs and rhymes.

Our Magic Carpet can seat up to 15 children, plus adults. (60mins) £35

### Wash Day

Early & first level (Nursery–P1)

Wed 4–Fri 6 May 2016

Meet Sadie the washerwoman and help her with her daily chores. Get your apron on and see if you can do the washing with just water, a washboard and a big bar of soap! Sadie will show you what life was like in the olden days through games, stories and handling museum objects.

10:15/12:15 (75mins) £70



## Social Studies

### Dig for Victory

First & second level (P4–P7)

Mon 21–25 September 2015

Come to the country and learn how to live off the land, Second World War style. Pupils will help pick tatties to take back to school, learn about what food was available during the war and meet our resident Land Girl.

10:15/12:30 (75mins) £70

### Second World War: Evacuees!

First & second level (P4–P7)

Mon 21–25 Sep 2015

Mon 7–Fri 11 Mar 2016

It's 1939 and your class has just been evacuated to Wester Kittochside Farm. Experience life as an evacuee in the countryside during the Second World War.

10:15/12:30 (75mins) £70



## Scots and Emigration: Exploring Evidence

First & second level (P4–P7)

Explore evidence behind the Highland Clearances in this hands-on workshop. Classes will use real and replica artefacts to find out what objects can tell us about why people left and what their lives were like in North America.

10:15/12:30 (75mins) £70

## Teacher-led Hearth and Home Handling Box

Free!

Early, first & second level (P1–P7)

What household gadgets did we use around the home in the 1950s? Explore how much daily life and housework have changed in this teacher-led hands-on session. Can you work out what our mystery objects are?

(60mins)

## Technologies (Food & Textiles)

### Butter Making

Early, first & second level (P1–P7)

Mon 7 Sep–Fri 30 Oct 2015

Mon 1 Feb–Fri 17 Jun 2016

Where do butter, milk and cream come from?

Try your hand at butter making, find out how it has changed over the years – and taste the results!

10:15/12:30 (75mins) £70

### From Field to Fork

Early, first & second level (P1–P7)

Which animals give us beef, mutton and pork? How does the wheat growing in a field become bread for your sandwiches? Investigate real objects to learn how people farmed in the past and plant some seeds to take back to school.

10:15/12:30 (75mins) £70

### Farm Tours

Free!

Early, first & second level (P1–P7)

Hop aboard our Farm Explorer trailer for a short ride to our historic farm. Meet the people who work there and look after the animals. Find out what farming was like 50 years ago and why we keep Ayrshire cattle and Blackface sheep.

(60mins)

*Thank you for showing us around the farm, we loved seeing the calves, the pigs, the combine harvester and when piglet escaped!*

Primary 4, Mary Russell School



# National Museum of Flight

East Fortune Airfield  
East Lothian EH39 5LF  
0131 247 4238

Set coordinates for Scotland's best preserved First and Second World War airfield. Explore our *Fortunes of War* gallery and find out what it was like to serve here, then discover the science and technology of flight in our interactive *Fantastic Flight* gallery. How do aircraft fly? How are they built and what skills do you need to fly them?

*We are restoring two nationally important Second World War hangars. Opening in 2016, our newly restored hangars will tell the stories of military and civil aviation throughout the 20th and 21st centuries. After reopening there will be a new programme of school workshops so check our website [www.nms.ac.uk/schools](http://www.nms.ac.uk/schools)*

## History

### First World War

Second level (P5–P7)

Available Wednesday & Thursday

Why was the east coast of Scotland on the front line during the First World War? How did the new technology of aviation become central to the conflict? Study original photographs and film to see how the war transformed an East Lothian field. Explore our object handling collection including uniforms and weaponry.

10:30 (2.5 hours) £70

### Second World War

Second level (P5–P7)

Available Wednesday & Thursday

What was it like to join the RAF during the Second World War? Take part in basic training, explore a Spitfire and discover the stories of people who served here in our *Fortunes of War* gallery. Listen to a WAAF's reminiscences and explore our object handling collection, including a flying jacket and escape boots.

10:30 (2.5 hours) £70

*The children produced some really amazing work... they just loved being able to touch and wear things... it's very unusual for this to happen. Thanks guys, it was brilliant.*

Wardie Primary School

Image © Ruth Armstrong



## Science

### Take Off!

Early & first level (P1–P3)

A visit to *Fantastic Flight*, our interactive flight science gallery, is the perfect place to launch your class into this topic. The Flying Forces Show will give you some ideas for building and flying your own aircraft.

10:30 (2.5 hours) £70

### Flying Forces

First & second level (P4–P7)

Available Wednesday & Thursday

Discover all about pull and push forces in our interactive flight science gallery. Take part in the Flying Forces Show then study real flying machines, before making your own things that fly.

10:30 (2.5 hours) £70

# Get Glow-ing with National Museums Scotland

Free!

Our Glow TV programme means that wherever you are in Scotland your pupils can take part. Each online workshop, led by our expert team, focusses on a different topic with interactive discussions, questions and a chance to see our objects up close, all whilst sitting in your classroom. You'll also get to link up with classes from around the country as part of the session.

*To sign up to take part, you'll need to log into Glow, go to 'Glow TV' and look for sessions by National Museums Scotland.*

*All our Glow sessions start at 13:30 and last 45 minutes.*

*We run two Glow TV sessions each month. Topics coming up in 2015-16 include: Romans, Vikings, Jacobites, Meteorites and Outer Space.*

## Visiting our museums

You can book a free self-led visit to any of our four museums for all class sizes. By booking in advance we can provide you with access to a cloakroom, lunchroom, and an introduction to the museum by our learning team. Trail sheets and teachers' packs are available. You can also book one of our handling boxes to use during your visit.



## Career-Long Professional Development

Free!

We run regular training sessions for teachers on a variety of topics, including private views of special exhibitions. To see our latest topics visit [www.nms.ac.uk/schools](http://www.nms.ac.uk/schools) and click on the 'Teachers' section

### Teachers' Orientation Days at the National Museum of Scotland

10:00–14:00

Sat 12 Sept; Sun 8 Nov; Sat 23 Jan; Sat 23 Apr

A hands-on networking day for teachers providing practical advice, an orientation tour, details about workshops, and hints and tips for planning a visit.

## Online resources

We have a variety of online resources available for schools, including activity sheets and teachers' packs linked to our museums, together with games and activities about our collections. Much of our online content is suitable for use on an interactive whiteboard.

Visit [www.nms.ac.uk/play](http://www.nms.ac.uk/play)



## Booking a Visit

To book your visit, complete our online booking form at [www.nms.ac.uk/schoolbooking](http://www.nms.ac.uk/schoolbooking) or for more information email [schools@nms.ac.uk](mailto:schools@nms.ac.uk)

Once your visit has been confirmed, we'll send you more information about your visit, including details about risk assessments.

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## Connect with us

Keep up to date with all the latest news for schools from our four national museums at [www.nms.ac.uk/schools](http://www.nms.ac.uk/schools)

