

Primary School
and Nursery
Programme
2018–19



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 across Scotland:

1 National Museum of Scotland

Pages 4–8
0131 247 4041
schools@nms.ac.uk

1 National War Museum

Pages 9–10
0131 247 4041
schools@nms.ac.uk

2 National Museum of Rural Life

Pages 11–12
0131 247 4377
schoolsnmorl@nms.ac.uk

3 National Museum of Flight

Pages 13–14
0131 247 4238
schoolsnmof@nms.ac.uk

OUR MUSEUMS



Choose from:

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

Booking

Bookings open on 13 August 2018

To request your visit, complete our online form at nms.ac.uk/schoolbooking

Find out more about our programmes
nms.ac.uk/schools

Discover a wide range of resources
nms.ac.uk/explore

National Museum of Scotland

Chambers Street
Edinburgh EH1 1JF
0131 247 4041
schools@nms.ac.uk

Explore Scottish history, nature, world cultures, science and technology, art and design and more at the National Museum of Scotland in Edinburgh.

For further information visit nms.ac.uk/schools

To find our trails and worksheets visit nms.ac.uk/selfled

Baxter, a working robot © The Board of Trustees of the Science Museum



Exhibitions

Visit nms.ac.uk/teachers for details of our teachers' private views.

Rip It Up:

The Story of Scottish Pop

Free!

Until 25 Nov 2018

Discover the story of Scottish pop music as we take you on a musical journey from the 1950s to the present day. From the days of the dance halls to the emergence of pop in an explosion of colour in the 60s, through the 70s and New Wave, *Rip It Up* features global stars and independent local heroes from pop's early days right up to today's outstanding newcomers.

10:30/12:30 (90 mins)

Exhibition sponsored by Baillie Gifford Investment Managers

Robots

18 Jan–5 May 2019

This major exhibition tells the 500-year story of humanoid robots and what it means to be human. Set in five different periods and places, the exhibition explores the rich history, technology and culture of robots. Acting like mirrors for society, robots show how our hopes, dreams and fears have changed over the centuries. The exhibition features a unique collection of more than 100 robots, from the earliest automatons to robots from science fiction and modern-day research labs.

10:15/11:30/12:45 (60 mins)

£3 per pupil

Developed by

**SCIENCE
MUSEUM**

Events

Museum Mystery Stories

First & second level (P3–P5)

Mon 19 Nov 2018

Fun, mysteries and creativity! You might think you know the museum pretty well but did you know there is a room underneath where a team of expert investigators solve mysteries? Author Mike Nicholson will introduce your pupils to the Museum Mystery Squad. Could your class help them crack their cases? Pupils will discover how Mike uses museum artefacts to create mystery stories, and will produce ideas for their own puzzling tales. Books will be available for sale and signing (£5.99 each).

10:30 (60 mins)

£3 per pupil

Part of Book Week Scotland

Self-led Museum Visit

Nursery–P7

Whatever your topic, a visit to the museum can be a unique, exciting experience for your pupils. Book beforehand to reserve a snack and lunch slot and to use our schools cloakroom. On the day, visit our interactive galleries *Explore*, *Adventure Planet* and *Imagine*, where our staff can engage your pupils through experiments or object handling. Plan your visit using our self-led resources nms.ac.uk/selfled

10:30 onwards

Free!

Teacher-led Object Handling Boxes

Discover more about a topic by using one of our object handling boxes. Containing real and replica objects, with a range of suggested activities, these boxes can be tailored by teachers to suit the learning intentions of their class. Each session starts with an introduction by our Enabler team.

Available for:

- Animals: Ecosystems, Interdependence and the Environment
- Objects From Around the World
- Romans in Scotland
- Scotland's Early People
- Scotland's Rocks and Fossils
- Scots and Emigration
- Victorians
- Vikings in Scotland

10:30/12:30 (60 mins)

£25 for one class, £50 for two or more classes



Social Studies

New Ancient Egypt and East Asia galleries

Free!

Our new permanent galleries *Ancient Egypt Rediscovered* and *Exploring East Asia* open in Spring 2019. The galleries will showcase over 1,200 outstanding objects, many of which have not been on display in over a generation.

For details of our linked schools activities visit nms.ac.uk/schools

An Egyptian Adventure

Early & first level (P1–3)

Available from 29 Oct 2018

Hedjet the Hippo will lead your pupils on an adventure to the coronation of a new pharaoh. Pupils will become part of the story by seeing, smelling and handling a range of objects from the marketplace, a temple and the River Nile to find out more about daily life in ancient Egypt. Classes taking part between October and January will receive a special invite to the opening of our new ancient Egypt gallery in Spring 2019.

10:30/12:30 (60 mins)

£75

The Romans Revealed

First & second level (P3–P7)

Available from 1 Nov 2018

Discover what life was like for the Romans in Scotland. Led by museum staff, pupils will handle real and replica objects, investigate Roman beliefs, and find out what they ate for breakfast.

10:30/12:30 (60 mins)

£75



© Ruth Armstrong Photography

Romans on the Frontier

First & second level (P2–P5)

Mon 28–Thu 31 Jan 2019

Journey back to Scotland in the second century and join the Roman Army. Meet the Centurion as your class discovers what they can expect from a life in the legions.

10:15/11:30/12:45 (60 mins)

£75

Skype in the Classroom: Romans in Scotland

Free!

Early, first & second level (P1–P7)

Bring the museum to your classroom via your computer and a webcam. In this interactive session, your class will see real and replica objects, ask questions and follow a Roman soldier's day in Scotland. To book visit

nms.ac.uk/classroomskype



Raiders & Traders: Vikings in Scotland

First & second level (P3–P7)

Available from 1 Nov 2018

Pupils will look at replica Viking objects to uncover the story of the Vikings and their lives in Scotland. Through hands-on activities, discover more about how archaeologists uncover real Viking sites.

10:30/12:30 (60 mins)

£75

A Jacobite Journey

First & second level (P4–P7)

Mon 19–Thu 22 Nov 2018

Relive the dramatic events of 1745–46 as our Jacobite officer reveals the pros and cons of choosing different sides in the last Jacobite Rising and the differences between rival armies.

10:15/11:30/12:45 (60 mins)

£75

A Viking Day Out

First & second level (P3–P5)

Mon 4–Thu 7 Mar 2019

Join Jason and his friend Gyða on an extraordinary adventure into the Viking world in our interactive show. Expect songs, stories and myth-busting mysteries aplenty as pupils help the children search for a very important bracelet. The day also includes a gallery visit with staff-led Viking object handling encounters and our newly developed Viking trail.

10:15/11:00 (45 mins show, 60 mins object handling & gallery visit)

£3 per pupil

Dinosaur Discovery

First level (P2–P4)

Five large packages containing real fossils, images and replicas have arrived at the museum. Pupils will work in groups to identify their dinosaur and then present their findings to the class.

10:30/12:30 (75 mins)

£75

Volcano: Seconds from Disaster!

First & second level (P4–P7)

Travel to Montserrat where a volcano is about to erupt! Pupils will 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.

10:30/12:30 (75 mins)

£75

STEM

Space Detectives

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. Pupils will also find out about the latest technologies being used to look deeper into space.

10:30/12:30 (75 mins)

£75

Mini-Engineers: The Clock that Won't Tock

Early level (Nursery–P1)

Tue 13–Thu 15 Nov 2018

Tue 12–Thu 14 Mar 2019

Pupils become engineers to help fix the museum's broken clock. Through hands-on activities, pupils lead the learning, exploring pushes, pulls and twists, and discover related vocabulary using our engineer's word wall.

10:30/12:30 (60 mins)

£40

Max. of 25 pupils per session

Get Energised: Exploring Weather & Wind

Free!

Early level (Nursery–P1)

24 & 31 Oct, 21 Nov, 5 Dec 2018

30 Jan, 20 Mar, 3 Apr, 1 & 8 May 2019

Investigate different types of weather. Pupils take part in hands-on activities, sing weather-related songs and listen to a story to find out how we use wind to generate electricity.

10:30/12:30 (60 mins)

Max. of 25 pupils per session

Get Energised: Power House

Free!

Second level (P5–P7)

Mon 10–Thu 13 Sep, Mon 5–Thu 8 Nov 2018

Mon 4–Thu 7 Feb & Mon 13–Thu 16 May 2019

Pupils investigate solar and wind power through a range of hands-on STEM activities. Classes then build their own energy-efficient town and calculate how to power it using renewable energy sources.

10:30/12:30 (75 mins)

Get Energised: Exploring Weather & Wind and Get Energised: Power House are made possible by the generous support of the ScottishPower Foundation



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. Explore stories of wartime experiences, from the frontline to the home front, through personal mementoes and military equipment.

Visit the National War Museum in the autumn and spring terms so that your pupils can soak up the atmosphere of this historic site without the crowds.

For further information visit nms.ac.uk/nwmschools

Exhibition

Visit nms.ac.uk/teachers for details of our teachers' private views.

The Poppy: A Symbol of Remembrance

30 Mar 2018–27 Jan 2019

Free!

Examine the history of the poppy and its emergence as a symbol of remembrance. Through a variety of objects, photographs and interviews, the exhibition explores the manufacture of poppies in Scotland, the charitable work of the poppy appeal and recent debates about what some regard as the politicisation of the poppy as a symbol.

Timing flexible (45 mins)

Power of the Poppy

Second level (P5–P7)

Wed 21, Thu 22, Wed 28 & Thu 29 Nov 2018

Inspired by *The Poppy: A Symbol of Remembrance*, use museum objects and our collection of badges and paraphernalia, from white to red, to explore and discuss the nature of war and remembrance with your class.

10:30/12:30 (75 mins)

£75





Teacher-led Wartime Life Experience: Second World War

Second level (P5–P7)

Available on Thursdays

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. After an introduction by a member of staff, your class can examine letters, photographs and uniforms, hear news from the frontline on the wireless, and discover a range of wartime objects.

10:30/12:15 (90 mins)

£25

Ghosts of War: Armistice Day Poetry

Second level (P5–P7)

Tue 6–Thu 8, Tue 13 & Wed 14 Nov 2018

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. This year, the session in Edinburgh Castle includes a visit to our current exhibition, *The Poppy: A Symbol of Remembrance*.

10:00 (4.5 hrs)

£75

In collaboration with Historic Environment Scotland

Trench Warfare: First World War

Second level (P5–P7)

Available on Thursdays

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.

10:30/12:30 (75 mins)

£75

Jacobites: Rebels and Redcoats

First & second level (P4–P7)

Mon 11–Thu 14 Mar 2019

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

10:30 (4 hrs)

£70

To book call Historic Environment Scotland's Learning support team on **0131 652 8155/8156** or email learning@hes.scot

In partnership with Historic Environment Scotland.

National Museum of Rural Life

Wester Kittochside
East Kilbride G76 9HR
0131 247 4377

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

In the museum, learn about the land, people and ways of working that have shaped Scotland's rural history, and discover Scotland's largest collection of tractors, combine harvesters and other farming machinery.

Magic Carpet

Early & first level (Nursery–P1)

Take a trip on 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, All the Colours of the Day and Scots Farming. This activity is perfect to pair with a free farm tour.

(30 mins)

£40

Our Magic Carpet can seat up to 15 children, plus adults.

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 in years gone by and why we keep Ayrshire cattle and Blackface sheep. (60 mins)

Check out our Farm Matters page to keep up to date with what your class might see at the farm each season. Visit nms.ac.uk/farmmatters



Second World War: Evacuees!

First & second level (P4–P7)

Tue 18–Thu 20 Sep 2018

Wed 6–Fri 8 Mar 2019

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 (75 mins)

£75

Bertie's Babyccino

Early & first level (P1–P3)

Join Bertie as he leaves his beloved babyccinos in the city and journeys to the farm. There is something very particular that features in both of Bertie's special worlds...milk! Learn more about the journey of milk from the farm to your fridge and have a go at making your own butter.

10:15/12:30 (60 mins)

£75

Foodie Farm

Early & first level (P1–P3)

Which animals give us beef, mutton and pork? How does the wheat growing in a field turn into 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 (60 mins)

£75

Field to Fork

First & second level (P4–P7)

Where does our food come from? Join us as we explore the journey of your food from the soil to your plate. Investigate food production technologies past and present, and the impact they have on the world around us and the food we eat. We can adapt this workshop to reinforce your current classroom topics. Please get in touch to find out more.

10:15/12:30 (60 mins)

£75



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?

In the Military and Civil Aviation Hangars each aircraft is accompanied by a touchscreen which will allow your pupils access to original film and photographs of the aircraft as well as interviews with the people who designed, built and flew them.

Check our website for information on new programming being developed throughout the year nms.ac.uk/schools



© Ruth Armstrong Photography

Early Years

Flying Toys

Early & first level (Nursery–P2)

Make simple things that fly, then find out about forces through the pushes and pulls that make them glide.

10:15/11:45/13:15 (75 mins)

£75

A Journey in Stories

Early & first level (Nursery–P2)

Join us on a thrilling adventure in our de Havilland Dragon aeroplane. Find out about the science of flight and become explorers as we travel the world discovering amazing places.

10:15/11:45/13:15 (75 mins)

£75

Transport

Early & first level (P1–P2)

Explore the topic of transport through handling objects and our collection of aeroplanes, then find out what it was like to be a passenger on Concorde.

10:15/11:45/13:15 (75 mins)

£75

Social Studies

First World War

Second level (P5–P7)

Through photographs and clothing, discover what it was like for the pilots who flew in the First World War. Find out why the Germanic Ocean changed its name and how the east coast of Scotland became the front line.

10:15/11:45/13:15 (75 mins)

£75

Second World War

Second level (P5–P7)

Try on the flying clothing that the pilots at East Fortune wore and find out why this corner of East Lothian became such an important airfield during the Second World War.

10:15/11:45/13:15 (75 mins)

£75

Amy Johnson

First level (P3)

Meet an engineer who saw this famous pilot fly. Your pupils will discover this significant individual from the past, and contribute to a discussion on the influence of her actions, then and since.

10:15/11:45/13:15 (75 mins)

£75

STEM

Leonardo Da Vinci: The Engineer

First level (P3)

Your pupils will work with our costumed interpreter to explore and discover engineering disciplines and create solutions. They will build a model with moving parts from one of Da Vinci's ideas.

10:15/11:45/13:15 (75 mins)

£75

Fantastic Flying Forces

Second level (P5–P7)

By building three experiments of their own, pupils will discover more about the forces involved in flight and how aeroplanes fly.

10:15/11:45/13:15 (75 mins)

£75

Build a Better Catering Trolley

Second level (P5–P7)

Your pupils will work in teams to design and build a better trolley to deliver drinks and snacks on board Concorde.

10:15/11:45/13:15 (75 mins)

£75



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 and lunchroom. Trail sheets and teachers' packs are available.

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 nms.ac.uk/teachers

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 nms.ac.uk/explore





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Connect with us

Keep up to date with all the latest news for schools from our four national museums at nms.ac.uk/schools

