



Science Learning Programme 2010/11 Secondary Schools and Colleges

Investigate | Examine | Analyse | Evaluate

Yorkshire Museum

The new look museum has undergone a complete transformation. Three fantastic new exhibitions and refurbished learning rooms make this an unmissable venue for a school visit.

Roman York: Meet the People of the Empire tells the story of the real people who lived and worked in York.

Medieval York: The Power and the Glory focuses on the beautiful artefacts of medieval York and St Mary's Abbey.

Extinct: A Way of Life is an interactive look at why and how species (including the dinosaurs) have disappeared throughout time and what has evolved to take their place.

Also new for 2010 is the **History of York Experience**, an AV spectacular which tells the fascinating story of York.

How to Book

Call the Bookings Line on: **01904 650333** Email us at: **groupbookings@ymt.org.uk**

Please have the following information ready;

- Preferred dates and time of visit
- School contact details, including e-mail contact for the lead teacher
- Number and ages of students
- Number of adults (please ensure you have correct ratios)
- Workshop session you would like to book

Payment is by cash, cheque, credit card or invoice.

Bookings will be confirmed in writing along with a 'Planning Your Visit' Guide.

Teacher's notes for workshops are available/downloadable from our website or sent by email.

Yorkshire Museum & Gardens
Museum Gardens York, YO1 7FR

Opening times:
10.00am – 5.00pm daily

Admission prices:
School Adult:£5.50
Student:£5.00
School Child:£3.50

FREE
Museum Entry
for York Schools

Providing excellent Learning resources and facilities is at the heart of all that we offer at YMT. In recognition of this, each of our venues has been awarded the Learning Outside the Classroom Quality Badge.



York Art Gallery, York Castle Museum and the Yorkshire Museum & Gardens have all been awarded the Sandford Award for Heritage Education. The award recognises quality and excellence in educational services and facilities.



Embed your trip to our museums and gallery by visiting the York Museums Trust pages of www.mylearning.org. Here you will discover a range of 'Learning Journey' resources for teachers and learners specifically designed to support and enhance your visit.



To make a booking please call 01904 650333
www.yorkmuseumstrust.org.uk

HANDS ON SCIENCE at the YORKSHIRE MUSEUM

Get Hands on with Science

The Yorkshire Museum boasts nationally and internationally important scientific and archaeological collections. Students can explore real artefacts and specimens and take part in scientific investigation and activities, linked to National Curriculum and GCSE Science courses.

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Who Were You?

Key Stage: KS3
Duration: 2 hours

This is chance for students to undertake a mock forensic investigation of a body 'found in the museum gardens'. Make sense of the crime scene – is it a murder or a natural death? Is the body of a modern person, a 2000 year old Roman or of a medieval monk? Students use critical thinking and problem solving to investigate the clues, and examine the finer detail under microscopes and analyse the evidence. The session ends with students presenting their case to the other groups to find out the truth behind 'The Body in the Museum Gardens.'

Sc1 Ideas and Evidence in Science;
Scientific Investigation;
Considering Evidence

Group Size: 30 students
Cost: £80 per group



CSI York

Key Stage: KS3
Duration: 2 hours 30 minutes

Students take on the role of forensic investigators to go through the processes of collecting and accurately interpreting evidence to reliably solve a crime. The task is to identify the victim and solve the case of a decades old murder through analysing evidence from the mock crime scene. At KS4 this links to portfolio work, citizenship and literacy.

Sc1 Scientific enquiry:
Ideas and Evidence in Science;
Scientific Investigation;
Considering Evidence

Group Size: 30 students
Cost: £100 per group

Evolution and Extinction

Key Stage: KS3
Duration: 2 hours

Investigate the fossil record as evidence for evolution. Examine various fossils from the geology collections, and specifically ammonites which follow an evolutionary pattern which is clear to see. We also look at changing habitats and how this affects the chances of evolution and extinction in mammals, bird and reptiles.

Sc1 Scientific enquiry:
Ideas and evidence in science
SC2 Variation, inheritance and evolution:
Evolution

Living things in their environment:
Adaptation and competition

Group Size: 30 students
Cost: £80 per group



FAQ'S

How much are the entrance fees?

York schools have free entry to all of the York Museums Trust sites. For non-York schools, a museum entrance fee applies to the the Yorkshire Museum – please see the back page for details. Group rates don't apply for parties of less than ten.

Where can we park?

Parking information can be found on the City of York Council website;
www.york.gov.uk/transport/Parking/Car_parks/
Telephone: 01904 551309.

Is there a cancellation fee?

Yes, a cancellation fee applies if notice is not given in sufficient time (one full working day is acceptable). The fee is £60. We reserve the right to cancel sessions in the event of excessive lateness.

What is the minimum number of pupils for a workshop?

There is no minimum number of pupils required – prices are per workshop.

What help is available for writing Risk Assessments?

Risk Assessments for each workshop are sent out with the Teachers Pack and can also be downloaded from our website. Teachers are offered a free site visit in advance to plan their own Risk Assessments. Guidance is included in the Planning Your Visit guide.

Are there facilities for groups with wheelchair users?

Admission is free to wheelchair users and their helpers. There is access to all floors and disabled access toilets.

Can we book a space to eat lunch?

The Yorkshire Museum has a bookable lunch space, 'The Diner-Saurus', and the Museum Gardens grounds are ideal for picnics in good weather.

Can we take photographs?

Photographs can be taken at the Yorkshire Museum.