A historical steam railway running for 24 miles through spectacular moorland between Pickering and Whitby.

An Evacuation Experience Approx 1.5 hours (Journey takes just over 1 hour)
History: Unit 9
Children find out what it was like to be evacuated, during a steam journey on the North Yorkshire Moors Railway.

Representing Journeys through Art 1 hour approx
Art unit: 4c
Children produce a piece of artwork depicting their train journey.

Goathland as a Contrasting Locality (Learning Journey at www.mylearning.org)
Geography: Unit 13
Investigate the village of Goathland, reflecting on the effects that the Railway and Heartbeat have had. Draw comparisons between their own locality and Goathland village.

Victorian Railways (Outreach, available all year) 1 hour approx
History: Unit 12
Children will learn about how railways developed during Victorian times and how this impacted on the social and economic development of Britain.

Bridges (Outreach, available all year) 1 hour approx
D&T: Adapted from Unit 6A
Investigate a range of bridge types, before being challenged to make a model bridge which will be tested to destruction!

Hull Museums
David Alcock (Education Officer)
01482 318742
www.hgfl.org/go/museums

North Yorkshire Moors Railway
Clare Avery (Education Officer)
01751 473799
www.nymr.co.uk

Yorkshire Waterways Museum
Rachel Walker (Museums Officer)
01405 768730
www.waterwaysmuseum.org.uk

Harrogate Museums & Arts
Diane Taylor (Audience Development Officer)
Fareena Bashir (Education Assistant)
01423 556188
www.harrogate.gov.uk/museums

For education materials to support your visits at all of these sites look online at: www.mylearning.org

COMING SOON!

History of Rail Transport
Children will learn how railways developed from earliest times, with focus on the Whitby – Pickering line.

How do signals work?
Children create pop-ups with levers and examine how levers and signals are used on the North Yorkshire Moors Railway.
New Science and technology programmes available at Streetlife Museum situated in Hulls Museum Quarter

**It’s Electrifying 30 minutes**
Science Units 5, 6H, History Units 12, 18
Meet our historic character; Mr. Theodore Sparks! Get inside the amazing electric tram and explore how electricity was used in the past.

**An engineering triumph 30 minutes**
History: Units 12, 18, Science: Unit 3C
Meet our Victorian engineer to discover how great engineering challenges were overcome on the railways and find out what working conditions were like for the navvies.

**Fabulous Forces Fantastic Friction 2 hours**
Science: Units 2E, 4E, 6E
Take part in larger than life experiments to discover first hand what life would be like with out friction.

**Shocking Science 2 hours**
Science: Units 2F, 4F, 5_H, 6G, History: Unit 18
Meet our historic character to find out how electricity was used in the past! Experience a hair raising science show and make a circuit to light your own bulb!

**Bridging the Past, Building the Future 2 hours**
Science: 3C, History: Units 12, 18
Meet a Victorian Engineer and Railway Navvy, discover how rivers were crossed. Test the properties of materials, then construct your own bridge, how much weight can it take?

**COMING SOON!**

**Bones, Bodies and Burials at Hull & East Riding Museum**
Become an Archaeologist, dig into history, what secrets will you uncover about the past?

**Victorian Inventions**
Take part in an exciting interactive science show to discover how amazing Victorian inventions changed the way we live.

**Partnership Transport and Science Learning journey**
www.mylearning.org for educational games and downloadable teaching resources

**The Yorkshire Waterways Museum**

**Best small visitor attraction of 2007 (Yorkshire Tourist Board), telling the story of the Inland Waterways of Yorkshire.**

**Model Keel Boat Building**
*Duration 1 hour*
QCA links: Science: Unit 4E, Unit 5C
Children will make a model keel sailing boat from cardboard and then test the models out on our pond.

**Roses and Castles’ Painting**
*Duration 1 hour*
QCA links: Art and design: Unit 2B, Unit 3B
Learn how to paint traditional bargee ‘Roses and Castles’ designs. Children will learn painting techniques and the history of ‘Roses and Castles’

**Dressing Up Box**
Our bargee clothes can be used for role play activities, and photographic workshops. (available on loan)

**Goole Docks History Tour**
*Duration 1 hour*
Come aboard ‘Telethon Louise’ for our 45 minute history tour of Goole Docks, with full audio commentary.

**Model Hydraulic Hoist**
*Outreach*
QCA links: Science: Unit 9L
Learn about hydraulics using this working interactive model of the Grade II* listed coal hoist that can still be seen on Goole Docks

**Key Stage 1 museum activity pack**
QCA links
Includes quizzes and activities to complete along the way (available as hard copy and online)

**Waterways History online learning journey**
(www.mylearning.org)
Learn about movement, forces, energy and pressure and listen to traditional waterways music.

**COMING SOON!**

**Locks**
QCA links: Science: Unit 6E
A working scale model of a lock system to demonstrate water pressure, (available as outreach).

**Pulleys**
QCA links: Science: Unit 4E, Unit 6E
Use museum displays to demonstrate the effects pulleys can have on weight and friction.

**Egyptology: Scientific Investigation Day**
10am – 2pm (adaptable to suit school needs)
QCA Links: History unit 10, Citizenship unit 5, Art & Design unit 9gen
Visit our Egyptian displays with a trail and hands-on activities, handle real objects, make mummy masks and jewellery, then mummify our mummy doll

**Toys and Pastimes**
90 minutes
QCA links: History unit 1 & 11, Art & Design Unit: 1B & 9gc
Pupils will see and handle an array of toys from the past, compare them to modern toys and make a toy of their own to take home.

**Be a Victorian Engineer**
*Outreach or on site*
2 hours
QCA links: Science: Unit 4E & 6E, D&T Units 5C, 6A, 6C &DHistory: Victorians, History: Unit 18
Using museum objects and a large-scale construction kit, young engineers will discover gears, cogs, levers, cams and wheels and build their own simple machines.

**Trails and Backpacks**
Gain more out of your visit to Harrogate Museums and Arts, full of fun activities.
- **Be a Victorian Visit to Harrogate Spa** (trail)
- **Explore Knaresborough Castle** (trail)
- **Little Gems Adventure** (Knaresborough and Harrogate)

**Mummification learning Journey**
(www.mylearning.org)
Discover the fascinating ritual of Ancient Egyptian mumification.

**COMING SOON!**

**New e-learning programmes to enhance your museum experience and allow further exploration back at school.**
- **Spa learning Journey**
- **Explore Knaresborough Castle e-learning resource**
- **Ancient Egyptian e-learning games**
- **Be a Spa Visitor game**
- **Tudor self-guided resources**

**Bringing Knaresborough Castle to life.**