



North York Moors National Park Education Service
Activities for KS 2 groups

Discover the First Railways

This activity day consists of a 5 km walk from Goathland to Grosmont following the route of George Stephenson's original railway line of 1836. Children discover how Stephenson solved the problem of the Beck Hole incline, how the new railway paved the way for the first ironstone production in East Cleveland and what life was like for the workers and their families. The walk finishes in Grosmont, an industrial boom town in the mid Victorian era, now a scenic village in the National Park. Here children can see steam trains and walk through the original tunnel designed by Stephenson himself.



Optional return to Goathland by stream train (where scenes at Hogsmead Station were filmed in the first Harry Potter film). For train times and costs go to <http://www.nymr.co.uk/>

Toilets available at Goathland and Grosmont but not on route.

Age Range: Years 5 and 6 (Age 9 to 11)

Duration: 4 hours plus lunch break

Location: Meet at Goathland car park

Main Curriculum Links:

Geography: geographical skills

History: the first railways

Key Learning Objectives Children should learn...	Learning Outcomes
<p>Geography</p> <ul style="list-style-type: none"> to follow a route on a map 	<p><i>All children will be able to:</i></p> <ul style="list-style-type: none"> use a basic map to follow a route. name the railway pioneers who built the original railway
<p>History</p> <ul style="list-style-type: none"> about the work of George and Robert Stephenson about the impact of the ironstone industry on people and the landscape about the impact of railways on people, transport and the landscape. 	<p><i>Most children will be able to:</i></p> <ul style="list-style-type: none"> talk about the historical importance of the railway to the local area explain what it was like living and working as an ironstone worker <p><i>Some children will be able to:</i></p> <ul style="list-style-type: none"> suggest why the railway today is important for the tourism industry explain the significance of the local ironstone industry to the wider area

Assessment for Learning

We assess learning using a variety of techniques appropriate to the activity such as: questioning, questioning games, observing how well children are performing tasks, checking results, quizzes and feedback forms.

Ideas for Extending Learning Before and After this Activity

We have created a series of activities and resources to support this activity pre-visit which are available at: www.northyorkmoors.org.uk/about-us/school-and-group-visits/schools-and-colleges/key-stage-2/resources-for-ks-2-teachers/Pre-visit-activities.pdf

And our post visit resources are available at www.northyorkmoors.org.uk/about-us/school-and-group-visits/schools-and-colleges/key-stage-2/resources-for-ks-2-teachers/Post-visit-activities.pdf

- Resources about the Cleveland ironstone industry can be found at: <http://www.redcar-cleveland.gov.uk/kirkleatham/collection/cleveland-ironstone.pdf> *
- For information about George Stephenson go to: http://www.bbc.co.uk/schools/primaryhistory/famouspeople/george_stephenson/ *

*External website for which the National Park Authority has no responsibility.