



North York Moors National Park Education Service  
Activities for KS2 groups

## Farms to Furnaces

History discovery day based in the village of Grosmont

During this fun, hands-on activity day children will discover how Grosmont changed from a tiny farming community into a hive of industry in Victorian times. They will find out how the rise of the railways was directly linked to the success of the ironstone industry in the village and about the lives of Victorian working children. Using GPS units and maps children hunt for clues and fascinating facts about the area. Includes a 1 mile walk to see ironstone cliffs, the beautiful Murk Esk River and working steam engines (these run seasonally).



**Age range:** Years 4 to 6 (age 8-11)

**Duration:** 4 hrs plus lunch break (shorter sessions available, ring to discuss)

**Location:** Meet: National Park car park in Grosmont (Not the North Yorkshire Moors Railway car park)  
*Toilets available in the village.*

### Main curriculum links

**History:** the first railways, the industrial revolution

**Geography:** human geography – land use and economic activity  
geographical skills – map reading

Key Learning Objectives Children should learn...	Learning Outcomes
<p><i>History</i></p> <ul style="list-style-type: none"> <li>the link between the discovery of ironstone, the development of the railways and the growth of Grosmont during the Victorian era</li> </ul> <p><i>Geography</i></p> <ul style="list-style-type: none"> <li>the way in which industry affects the growth of settlements</li> <li>the link between human use of natural resources and the development of industry</li> <li>how to use a map and GPS units to navigate</li> </ul> <p><i>Other Skills</i></p> <ul style="list-style-type: none"> <li>listening and following instructions</li> <li>listening to and working with peers</li> <li>problem solving</li> </ul>	<p><i>All children will be able to:</i></p> <ul style="list-style-type: none"> <li>use a GPS unit to navigate to specific locations</li> <li>match some features on a map to features on the ground</li> <li>participate in a group presentation centred on the clues found</li> </ul> <p><i>Most children will be able to:</i></p> <ul style="list-style-type: none"> <li>use a GPS unit accurately to navigate to specific locations</li> <li>locate their position on a map</li> <li>offer ideas towards presenting information using the clues found</li> </ul> <p><i>Some children will be able to:</i></p> <ul style="list-style-type: none"> <li>locate their position accurately on a map</li> <li>structure a presentation based on clues obtained</li> </ul>

**Ideas for extending learning before and after this activity:**

### Pre-visit ideas:

Find Grosmont on the map and find out what it offers modern visitors.

Make a railway poster advertising Grosmont.

Look at the geology of the area – how did ironstone get there?

*NB. Please avoid telling children in advance about the ironstone works as the on-site activity revolves around them finding this out for themselves.*

**Post-visit ideas:**

Write about a day in the life of a trappy lad.

Research the roles of girls and women in Victorian mining.

Find out about miners' wages and weekly expenses.

Write instructions on how to extract ironstone from the mine using gunpowder.

Find out about the home life of a typical Victorian mining family.

***More free on-line teaching resources coming soon!***

**Assessment for learning**

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