

Mansfield and Pinxton Railway

Why was the Mansfield and Pinxton Railway created?



In this lesson pupils will gain an insight into why the Mansfield and Pinxton Railway line was created in 1819 within the context of the Industrial Revolution. They will learn about the various minerals which were quarried in the Mansfield area and which were transported further afield via the railway. They will understand the basic rail track designs that were common in the early 19th century and the primitive braking methods which were used.

WHAT YOU WILL NEED

- M&P_L1LS** Lesson slides
- M&P_L1TN** Teacher's notes
- M&R_L1HO1** What goods were transported on the Mansfield and Pinxton Railway?
- M&R_L1HO2** Mansfield and Pinxton Railway quiz
- M&R_L1HO3** Fish-bellied edge rail

LEARNING ACTIVITIES

1. A class discussion about why the railway was needed, the goods that were transported and the dangers of the railway (10-15 mins).
2. A quiz about the Mansfield and Pinxton Railway (15-30 mins).
3. Sketch the fish-bellied edge rail used on the Mansfield and Pinxton line and name the parts (30 mins).

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LINKS TO THE CURRICULUM

HISTORY

Key Stage 1 and 2

- A study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.
- A significant turning point in British history, for example, the first railways.

HUMAN AND PHYSICAL GEOGRAPHY

Key Stage 2

Human geography, including land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

DESIGN AND TECHNOLOGY

Key Stage 2

Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.