



# Trade and Industry Activity Plan

## Learning Objectives

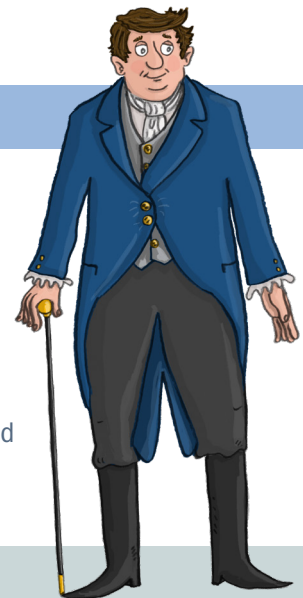
- Discover why Pontcysyllte Aqueduct and the Llangollen Canal was built.
- Investigate the impact of the canal on trade and industry.
- Understand what natural resources occur in and around the Dee Valley.
- Discover the relationship between raw materials and finished products.
- Develop critical thinking, investigation and problem solving skills.

## Resources

- Xplore! film: Why was the canal built?
- Trade and Industry PowerPoint
- Investigating Raw Materials: Teachers' Guidance Notes and Fact Files
- From quarry to canal: Teachers' Guidance Notes and instruction sheet
- Card game: What am I?

## Activities

1. Watch the film made with Xplore! Science Discovery Centre to learn about friction and understand why it was better to transport goods by canal rather than horse and cart.
2. Play the interactive PowerPoint to learn about the impact the canal had on trade and industry.
3. Use the Raw Materials Fact Files to research industries of the Dee Valley in the past and create a presentation or virtual tour of one industry to present to the class.
4. Play the What am I? game to identify local raw materials and canal objects.
5. Create an incline and experiment with slopes to find out how some raw materials were moved from quarries down to the canal.



## Suggestions

Try to bring samples of sand, clay, coal, slate, sandstone into school to help the children visualize them and / or find examples of them in use in school or on local buildings.

## Plenary

The plentiful raw materials of the Dee Valley had been exploited on a small scale for hundreds of years but Pontcysyllte Aqueduct and Canal enabled them to be transported more easily and cheaply to regional and national markets. The canal network helped to fuel the rapid economic and population growth of Britain in the 19th century.

## KS2 Curriculum Links

### England

- History
- Geography
- Science
- English

### Wales

- Humanities
- Science and Technology
- Literacy and Communication

## Useful Websites/Extra Resources

- [Cefn Mawr Heritage Trail](#)
- [Canal & River Trust – The First Canal Age](#)
- [Canal & River Trust – Boats Learning Bundle](#)