



Derbyshire Environmental Studies Service

Using Belper as a backdrop for:

**KS1 History Curriculum: The Strutts a Significant Family
in Belper**

**KS2 Design Technology and History Curriculum: World
Heritage Engineers**

Key Stage 1



The Strutts a significant family in Belper

Looking at three important members of the Strutt family in Belper, pupils will discover who they were, what they did and how they changed the world.

This exciting programme of activities is based in Belper with visits to the revolutionary Strutt's North Mill and the popular River Gardens. Using these site visits, a variety of artefacts and old photos, pupils will discover how the Belper we see today has been built around the textile industry and the Strutt family legacy.

Learning Objectives:

- To know the Strutt family brought the cotton mill system to Belper.
- To begin to understand the impact this family had on the lives of the people of Belper and the world at large.
- To use a variety of source material to build up images and understanding about people and places from the past.
- To work together to design relevant research questions about a member of the Strutt family.
- To know which key sites/buildings of Belper were built by the Strutts.
- To have a basic understanding of how cotton is produced.





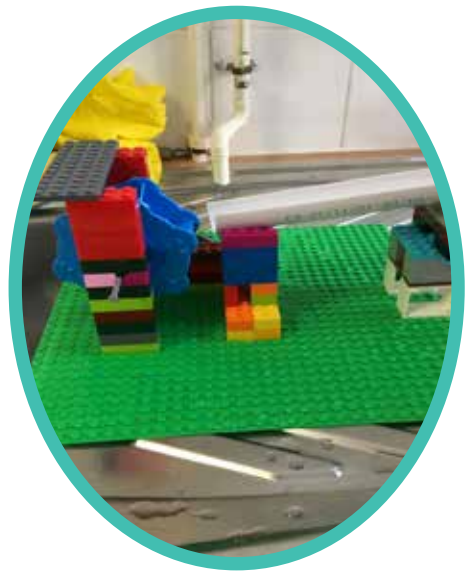
World Heritage Engineers

From water power to sky scrapers, pupils will investigate engineering and inventions that changed the world.

During this hands-on day, pupils will look at how the power of the River Derwent was harnessed for the mass production of cotton, changing how goods have been manufactured ever since. They will discover how mill buildings were designed and engineered, investigate how different waterwheel designs transferred energy to multiple machines across the different floors in the mill. Using this knowledge, they will work in teams to design and make their own waterwheel model.

Learning Objectives:

- To know the key building techniques that made North Mill a forerunner to the modern skyscrapers.
- To demonstrate their knowledge and understanding of the Mill by using a variety of written and drawn recording techniques.
- To work as part of a team to complete the design and building of a working model, to a specific design brief.
- To understand some of the basic scientific principles of energy transference when using a waterwheel to power a series of complex machinery throughout a mill.





Educational Visits and Trips Charges
£60 'Day rate' plus £7.50 per child per day, including admission to Strutt's North Mill.

FREE Pre-Visit

Why not take advantage of a free pre-visit to Belper to meet our Education Visits Leader, to ensure you and your pupils get the most out of this exciting new opportunity.

How to Book

Tel: 01629 533439

Email: environmentalstudies@derbyshire.gov.uk

Visit: www.services.derbyshire.gov.uk/EnvStudies

Why not travel by train?

Discounts are available for school groups. We can even arrange to meet your group at Belper train station. Find out more by contacting the Community Rail Partnership at www.derbyshire.gov.uk.