

Industrial Revolution

English

Class Text: Street Child by Berlie Doherty

The children will study the following writing genres and their features:

- Diary account
- Play script
- Letter
- Balanced argument



At school, we will learn:

Mathematics

The children will study the following:

- Multiplication and division by powers of ten
- Short and Long Multiplication
- Decimals including addition and subtraction
- Problem solving involving all of above
- Identifying and using co-ordinates
- Reflection and translation of shapes on a grid

- encouraging your child to read daily, with opportunities to read to an adult and discuss the text often.
- ensuring that your children completes at least two Bedrock Vocabulary lessons weekly to improve knowledge and use of written and oral vocabulary.



At home, you can help by:

- supporting your child with the homework tasks set.
- encouraging your child to show their methods when completing problem solving tasks.
- encouraging your child to practise their times tables facts and to respond quickly to mental maths questions.

1 x 1 = 1
2 x 2 = 4
3 x 3 = 9
4 x 4 = 16
5 x 5 = 25

BBC Bitesize English

<https://www.bbc.co.uk/bitesize/subjects/zv48q6f>

Oxford Owl—Free Online Library

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>

Bedrock Vocabulary

<https://app.bedrocklearning.org/>



This could help:



TTRockstars

<https://trockstars.com/>

Gordon's Maths Games

<https://garyhall.org.uk/gordons-numeracy-itps.html>

BBC Bitesize Mathematics

<https://www.bbc.co.uk/bitesize/subjects/z826n39>



Religious Education

This half term, will focus on the Units: Christmas and Baptism. The children will:

- Find out about the birth of Jesus from the Gospel of St Matthew;
- Study the part played by the Three Wise Men and Kind Herod;
- Find out about the Escape to Egypt and the plight of refugees;
- Learn about the Baptism of Jesus from the four Gospel accounts;
- Investigate the Rite of Baptism.

**At school,
we will
learn:**



- discussing the virtues: 'Eloquent and Truthful' with your child.
- attending Mass in church or virtually.
- reading the Gospel of the day prior to weekend mass each week at <https://universalis.com/>

**At home,
you can
help by:**



Online Bible Stories

<https://www.bibleforchildren.org/languages/english/stories.php>

Live Streaming of Masses

<https://coventry-catholicdeanery.org.uk/new/live-streaming-churches/>

Prayer and Meditation

<https://pray-as-you-go.org/>

**This could
help:**



Science

This half term, the children will study Properties and Changes of Materials. The children will be able to:

- Explain the uses of thermal and electrical conductors and insulators.
- Order materials according to their electrical conductivity.
- Explain and investigate dissolving.
- Explain the processes used to separate mixtures.
- Explain irreversible changes.

- talking to the children about their learning and supporting them with science vocabulary such as: soluble, insoluble, irreversible, insulator, conductor, dissolving
- Find out more about materials and changes in order to help understanding.



BBC Bitesize Science

<https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

Wow Science

<https://wowscience.co.uk/>

National Geographic for Kids

<https://www.natgeokids.com/uk/teacher-category/science/>

Humanities

As part of their study of the Industrial Revolution, the children will be able to answer the following questions:

- Why did people move into the cities during the Industrial Revolution?
- Did life improve for everyone?
- Which invention made the biggest impact?



**At school,
we will
learn:**

- Finding out about Victorian times and the inventions which changed the lives of people in this era.
- Using a range of sources, including video sources to find out about the Industrial Revolution.
- finding out about how the lives of children were affected by the industrial revolution.



**At home,
you can
help by:**



Kids Britannica

<https://kids.britannica.com/kids/article/Industrial-Revolution/353290>

BBC Bitesize

<https://www.bbc.co.uk/bitesize/guides/zvmv4wx/revision/4>

Primary Homework Help

<http://www.primaryhomeworkhelp.co.uk/victorians/industrialrevolution.html>

**This could
help:**



Arts

The children will focus on developing their painting skills. They will explore the work of William Morris, linked to the Industrial Revolution topic.

During this half term the children will:

- Experiment with different styles used by artists:
- Use painting to create different moods;
- Explore the work of others using a range of different sources.

- encouraging your child to practise their drawing and painting skills at home.
- finding out about a range of artists and their work.
- encouraging your child to keep a sketch book, in which they keep notes, drawings and images to represent their ideas for art work.



BBC Bitesize Art and Design

<https://www.bbc.co.uk/bitesize/subjects/zn3rkqt>

The Tate Gallery Online

<https://www.tate.org.uk/>
<https://www.tate.org.uk/art/artists/william-morris-388>

ART UK

<https://artuk.org/discover/artists/morris-william-18341896>