



Made of Steel

Year 6 / Spring Term

Part of Nicholas Postgate Catholic Academy Trust

Curriculum Overview

Learning Challenge: Key Questions & Enquiry

What reasons did people have for choosing to settle in a new place?
Why is steel important in Middlesbrough?
How will Middlesbrough be remembered in the future?

Memorable Experiences

Visits: Lotte Chemicals or Wilton power station
History Themed Day: Industrialisation of the River Tees
Art Themed Day: Significant sights of Middlesbrough

Learning Environment

Silhouette of Middlesbrough's buildings and infrastructures
Factors contributing to why people settled in areas

Inspirational People

Charles Smith
Bill Scott OBE

Coverage Summary

As geographers we will:

- **Communicate geographically** describe and understand the importance of rivers and other aspects of physical geography when settlements are created.
- **Communicate geographically** describe and understand human geography: settlements, land use, economic activity including trade links, and the distribution of natural resources.
- **Investigate places** use different types of fieldwork sampling to observe, measure and record the human and physical features in the local area.

As historians we will:

- **Understand chronology** identify periods of rapid change in history and contrast them with times of relatively little change.
- **Understand chronology** describe the main social and political changes in the Victorian Era.
- **Build an overview of world history** identify continuity and change through the history of the locality of Middlesbrough.

Resources

Futurism – Art & Design CQE Pg166 & 168
The Victorians – CQE History Pg 158 – 161
Erosion and deposition – CQE Geography Pg 106 - 111

Enriching Texts

Town is by the Sea - Joanne Schwartz

English in Context

As writers we will:

- **Purpose-** explain how a product is made or how an engineering facility which impacts our lives works.
- **Organisation**
Present information about where and why people settled.
- **Present**
Write a persuasive presentation for a building proposition.
- **Imaginative description-** create industrialization poetry about Redcar Blast Furnace/Steelworks

Maths in Context

As mathematicians we will:

- **Use measures**
To solve problems.

Computing

As users of technology we will:

- **Code**
Utilising applications, create an interactive Teesside steel setting, incorporating sensing tools.

Science in Context

As scientists we will:

Work scientifically

Chemistry – Investigating Materials

- Investigate and explain that some changes result in the creation of new materials and know that most chemical reactions cannot be reversed.
- Create a non-reversible product involving chemical reactions.

SMSC

Using our British Values we will:

- **Spiritual** – An expressive and/or creative impulse.
- **Moral** – A considerate style of life.
- **Social** – Understands the notion of interdependence in an increasingly complex society.
- **Cultural** – An understanding of the influences which have shaped their own cultural heritage.

Catholic Social Teaching

As followers of Christ we will:

- **Dignity of work and rights of workers** – show an understanding of how institutions protect the rights of workers.
Engage with questions about decent and fair wages.

Art & Design Technology

As artists and designers we will:

- **Develop Ideas**
Spot the potential in unfinished work and abandoned spaces.
- **Master techniques**
Paint significant sights of Middlesbrough in the Futurist style. Consider the work of Giacomo Balla in Street Light.
- **Master techniques**
Use tools and print to create souvenirs of Middlesbrough in the futurist style
- **Master techniques**
Use digital media in a building proposition project in the futuristic style to show speed and motion.

Music in Context

As musicians we will:

- **Listen & Describe**
Paying attention to detail, appraise the music/songs about towns and cities.
- **Compose and Perform**
Create the lyrics for a song with a verse and a chorus about where you live.

TVMS workshop – Bright Lights, Big City

