



# 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

