

Year 5 Term 1- INDUSTRIAL REVOLUTION (HISTORY)

In this topic, we will learn all about the significant changes of this era (1760-1840) and will answer the enquiry question, 'How did industry, technology and productivity change Britain during the Industrial Revolution? Why was this significant?' The children will focus on train travel and how this changed Britain, in both a positive and a negative way. Using the class text, we will learn about Isambard Kingdom Brunel and why he is considered one of the greatest inventors. Then we will learn how he was an assistant engineer, building the first tunnel under the River Thames. Next we will learn about other great feats such as the suspension bridge he designed and built himself. Finally, consideration will be given to the wider picture and what was happening in other countries at this time, including great inventions.

MATHS

This term we will be reading, writing, ordering and rounding numbers to 1,000, 000. Our focus will be on consolidation of good number and place value skills using place value counters, number lines, partitioning skills and problem solving activities. We will practice powers of ten to improve our mental calculations. Our learning will then focus on addition and subtraction skills where we will revisit written methods for these calculations.

ENGLISH

Our class text is 'Isambard Kingdom Brunel'. This life story will be the focus for our class reading sessions. Using the class text, we will write a biography of Isambard Kingdom Brunel and write a persuasive speech about public health in the Industrial Revolution.

DT

We will further develop our understanding of frame structures linked to Brunel, from our class text. We will use research to inform, design and generate our own design criteria. The children will therefore design, construct and evaluate a bridge they have made for the children at Fundella.

COMPUTING

This term in computing we will focus on online safety. Looking at how to use technology safely, respectfully and responsibly and identify ways to report concerns about content. We will then, apply online safety rules to real life scenarios.

SCIENCE

Through the enquiry questions: 'What are things made from and why?' and 'What material is the best to stop ice cream from melting?' the children will explore reversible and irreversible changes and learn about how to create a solution.

MFL

Our topic is 'Getting to know you'. We will learn how to introduce ourselves in French and how to greet each other and say goodbye. We will find new vocabulary in a bilingual dictionary and learn how to describe ourselves by saying how we look.

MUSIC

All the learning in this unit is focused around one song: Living on a prayer. We will be learning to sing the song, play instruments to it and perform compositions within the song.

RE

This term in RE we will be focusing on the questions, 'What happens if we do wrong?' and 'What makes us human?' Through this we will learn about different religions and understand their viewpoints on different issues and questions.

PE

Our outdoor PE sessions this term will focus on football where we will improve our passing, dribbling and game play. We will also be taking part in Street Dance lessons as our Indoor PE slot.

PSHE

We will learn about using money sensibly, the possible consequences of taking financial risks and how to be critical consumers. We will have the opportunity to discuss the difference between things we might 'want' and things we might 'need'.