

Year 5 Term 1- INDUSTRIAL REVOLUTION (HISTORY)

In this topic, we will learn all about the significant changes of this era (1760-1840). Through a focus on the development of train travel children will see how technological advancements brought about significant changes for people living in this period eg changes to agriculture, rivers and urban spaces. We will learn that as urban spaces developed rapidly, houses were built quite hastily which led to slum conditions soon appearing in many towns and cities. 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 to test in Key Stage 1.

COMPUTING

This term in ICT we will focus on online safety. To use technology safely, respectfully and responsibly /identify ways to report concerns about content. To apply online safety rules to real life scenarios.

SCIENCE

We will look at properties and changes of materials. We will consider what objects are made from and why. Next we will learn that materials will dissolve in a liquid to form a solution and analyse reversible and irreversible changes.

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 we will be learning about how Christians and people of other faiths respond to charity and how these people put their faiths into action.

PE

This term in PE we will be working on our gymnastics movements including travelling, jumping and rolling. We will also be developing our Hockey skills.

PSHE

This term we will be introducing two new PSHE schemes called "My Happy Mind" and "No outsiders. We will be focussing on the themes of Friendship, supporting each other and understanding our brain.