

Year 5 Curriculum Map Down the Mines

Science

We will be exploring properties of materials and answering the following enquiry questions:

- How can we categorise rocks and minerals?
- What properties would be beneficial for building a colliery?
- What is a thermal insulator? What is a thermal conductor?
- How do we decide which materials are suitable for a chosen purpose?
- Which materials are most effective for protecting our ears from loud noises?
- How do we decide which materials are suitable for a chosen purpose?

RE and PSHE

The children will be learning about local churches around Keyworth and exploring Sikhism

JIGSAW's "Being me in my world" topic will help us learn about ourselves and others

PE

Wednesdays – Football with Miss Foster
Fridays – Tag Rugby with Miss Foster

History

Our topic is all about the coal mining industry in and around Nottinghamshire and our local area, Keyworth. We will be exploring the following enquiry questions:

- When did mining begin? What are some of the key events in mining history?
- Where were the local mines to Keyworth?
- What was life for children working in the mines?
- How did the second world war impact the mining industry?
- When did coal mining in the UK come to an end? How did this change occur?
- Which event in mining history do you feel is most significant and why?

Art/ DT

This term we will be completing a DT project. adapting clothing to make it suitable for coal mining today.

Maths

We will be covering:

- Place value
- Addition, and subtraction
- Multiplication and division

We will be practising our arithmetic skills and our multiplication tables on a weekly

Literacy

We will be using Talk for Writing to learn the structure of, and then write:

- A biography about Alexander Hamilton
- A Portal Story called Clock Close
- Beginning to explore a non-fiction text about Elves, Pixies and Spirtes.

ICT

We will be designing, writing and debugging programs that accomplish specific goals such as Scratch.

We will work with variables and various forms of input and output, using logical reasoning to explain how some simple algorithms work.

We will identify errors in programming and fix them.