

How did it feel to work in a coal mine? How has the coal mining industry changed over the years and does it have a future? In this project, children will explore: the history of coal mining, mining disasters and their effects on the miners, their families and communities and the legacy and future of coal mining. As part of the project, we will have a visit from a mining expert who spent many years down a number of local pits.

Maths:

In Maths, we will be looking fractions, decimals and percentages, algebra. We will also be learning about algebra, measurement, ratio and proportion.

We will use our knowledge to investigate more complex problems, including word problems, in order to demonstrate a full understanding of each area.

Art, Design and Technology: We'll study the work of the Pitmen Painters and recreate their style using a variety of art materials and techniques

Science: We'll examine a range of rock samples and learn about how coal is formed. We will also be continue investigating different biomes and their characteristics. We will also begin looking at life-cycles

Music: Mrs Chantrill will be continuing to teach music to the children every Wednesday afternoon and they will be learning simple rhythmic patterns with an awareness of timbre and pattern. elements have been used to create moods and effects. Explain how musical

PSHE: The children will explore how rules and laws protect them and others in a variety of situations and how they can play a part in developing or changing rules.

RE: This half term we will be looking at Christianity and examining what is the Kingdom of God. Also, investigate if Jesus was the Messiah?

Computing: Ms Ella continue to focus on the use of algorithms to create a set of instructions. Also, the children will learn more about internet safety.

PE: This half term we will be focusing on our general overall fitness and stamina on a Tuesday and also team games. PE will also continue, on a Friday, with our PE teacher Callum.

English

In English, we will be looking at a range of texts, both fictional and factual, and linking this in to our writing with the creation of diary entries, historical fiction and explanation texts.

Big Write: We will also be concentrating on using appropriate language to create atmosphere and effect, proof reading and editing. Critically evaluating their own and others' writing, indicating changes to vocabulary, grammar and punctuation to improve clarity and effect

Punctuation: During this half term we will continue with the basics and increase the use higher level punctuation, () ; -

Grammar: We will be looking at the correct forms of tense, adverbials, clauses, contractions and different types of conjunctions.

Reading: Comment, increasingly making inferences or deductions based on evidence from different points in a text and justifying these points using the text.

History / Geography: We'll find out about the rise and decline of the mining industry in the UK many dangers of mining and why health and safety laws are important in the world today, and we'll use geological maps to identify coal seams in the UK. We'll also learn about the importance of coal during the Industrial Revolution, the process of the 'no choice' lottery and the miners' strikes.

We will also look in greater detail at the Whitwick coal mine disaster of 1898.