

Literacy

Reading:

As readers, we will develop positive attitudes to reading and show an understanding of what we read by listening to and discussing our class novel 'The Boy Who Grew Dragons'. We will also read non-fiction texts linked to our topic of coal mining in the North East.

During Guided Reading sessions, we will use dictionaries to check the meanings of unfamiliar words, identify themes, retell and discuss the texts orally and show our understanding of characters through inference and deduction. We will also look at words and phrases that capture our interest and link specifically to our coal mining topic. When reading aloud to a group, we will begin to show understanding through intonation, tone, volume and action. We will also begin to ask questions about different texts to deepen our understanding of what we have read.

Writing:

As writers, we will write a complete story focusing on the introduction, build up, conflict and resolution based on our class novel 'The Boy Who Grew Dragons'. In our writing, we will begin to use a wider range of different sentence types and use paragraphs to organise our ideas effectively. We will use varied and descriptive language, including expanded noun phrases to add detail. We will also create an advertisement using a range of devices such as alliteration and exaggerated claims. We will continue to develop our handwriting so that we can join letters consistently and legibly.

Science - Animals including Humans

As scientists, we will describe the simple functions of the basic parts of the digestive system in humans. We will investigate the different types of teeth in humans and what they are for. We will make and interpret a variety of food chains as well as identifying producers, predators and prey.

Computing: As computer users, we will recap and consolidate our knowledge of E-safety. We will learn how to: highlight selected text; copy and paste using keyboard shortcuts; use word Art, centring and underlining, and how to insert headers and footers to improve and refine a text. We will use our skills to create a newspaper text on Purple Mash.

History: As historians, we will continue to explore coal mining in the North East and what it was like being a coal mining family. We will investigate why coal mining was so important to the North East and conduct a local study on the life of a mining family, comparing it to family life today.

Geography: We will locate countries and cities of the UK and look at geographical features including how the rivers were used for mining and how the North East changed with the invention and expansion of the railway. We will use fieldwork to observe, measure, record and present the human and physical features in the local area.

Year 4 Autumn 2 Striking Coal!



Numeracy

Multiplication and Division:

As mathematicians, we will recall multiplication and division facts for multiplication tables up to 12×12 ; use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers; recognise and use factor pairs and commutativity in mental calculations. We will multiply two-digit and three-digit numbers by a one-digit number using formal written layout and solve problems involving multiplying and adding.

Measurement:

We will learn about units of measure and be able to convert between different units of measure [for example, kilometre to metre; hour to minute]; measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.; find the area of rectilinear shapes by counting squares estimate; compare and calculate different measures, including money in pounds and pence and read, write and convert time between analogue and digital 12- and 24-hour clocks. We will also solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.

Discrete

In Religious studies, we will be learning all about the religion of Christianity, key symbols and the birth of Jesus.

In PSHE, we will also recap our British Values and how they link to being a good citizen. We will look at what being a good friend means and how we can build positive friendships and resolve issues. We will also take part in activities for 'Road Safety Week' and 'Anti-Bulling Week'

As linguists, we will listen carefully and pronounce unfamiliar words with increasing accuracy in the context of asking people how they are. We will then learn how to say goodbye in the relevant context. We will continue to count in 10s and up to 100 in French.

Music: As musicians we will focus on folk music and listen to musicians who wrote and sang about mining. This term we will focus on listening and appreciating the music of David Alexander.

D&T: We will investigate what makes a healthy meal and compare that to the diet of a miner's family. We will then design and create a healthy lunch

PE As gymnasts we will balance and travel with increasing control and technique. We will learn to combine balance and travel to make routines. We will also think about how our performances can be improved and give advice on how we would improve our peers' performance.