

Local History- Mining



<p><i>How has mining shaped Cornwall?</i></p>	<p>Launch Godrevy Beach – Digging mines and building settlements and engine houses with sand. Sifting for tin and precious metals in the red river.</p>	<p>Class Book The Last Bear – Hannah Gold</p> <p>Other books Thomas and the Tinnars – Jill Paton Walsh The Giant’s Necklace – Michael Morpurgo The Tin Forest – Helen Ward</p>	<p>End Authentic Outcome <i>Children will learn about Cornwall’s mining history, impact and heritage and this will build on a piece of writing ‘Should we reopen the mines in Cornwall?’ which will be published on our public school webpage.</i></p> <p><i>We also hope to perform our Cornwall dance at the school Summer fayre.</i></p>
<p>What will the classroom look like? Engine house based on Wheal Coates</p> <p>Headgear hanging from the ceiling</p> <p>Mining cart with old lanterns and wheels.</p> <p>Geological study table which children add to throughout project. – What is tin used for? – everyday items with tin in them.</p> <p>What lives in the mines? Children to create Cornish choughs and bats to hang from ceiling. Growing plants in the classroom which thrive in old mine workings – chamomile, heathers, moor grass...Cornish path moss...</p> <p>The doorway to our classroom will look like an old mine entrance!</p>	<p>Trips/visits to support project</p> <ul style="list-style-type: none"> • King Edward Mine • Geevor Mine educational visit • South Crofty modern Mine visitors • Wheal Martyn to compare clay mine • Local walks to look at engine houses and how landscape has been altered by mining. • Poldice valley to see impact of mining on landscape. 	<p>Literacy genres</p> <ul style="list-style-type: none"> • Fiction – adventure story inspired by Thomas and the Tinnars • Letters home from a miner. • Non-fiction - Discursive – <i>Should we reopen the mines in Cornwall?</i> • Poetry – creating a mining chant. 	
	<p>Use of outdoor class</p> <ul style="list-style-type: none"> - Godrevy beach – exploring why mines flooded through digging. - Gwithian Beach – historical study of remains of tin works - Gwithian green – study of flora and fauna that thrives in post mining acidic soils. - Outdoor spaces to explore sound and echos. 	<p>Innovative use of ICT</p> <ul style="list-style-type: none"> - Research and internet safety. - Editing videos of mining chants and dances. 	



LAUNCH

MINI OUTCOME - writing
Mining Adventure Story
The children will write their own short stories inspired by Thomas and the Tinners.

MINI OUTCOME – Dance
Cornish miners chant and dance
The children will learn traditional mining chants, create their own dance routine and will perform them to an audience.

MINI OUTCOME – ICT
Children will learn how to take photos and add them to a word processed document to create their final discursive text to be published on the school website.

MINI OUTCOME - Science and DT
Design a pair of headphones
The children will explore how sound travels in the mines and test different materials for how they insulate sound to create a pair of headphones for a miner!

MINI OUTCOME – Music
Create our own mining soundscapes.
We will create our own music using percussion instruments and mining equipment such as shovels, mimicking the rhythm of industry.

MINI OUTCOME – Writing
From learning about different types of mining in Cornwall and beyond, children will meet real miners and ask them questions to inspire a 'letter from a miner'.

Should we reopen Cornwall's mines?

END OUTCOME

MAIN TOPIC

MARVELLOUS MINES: OUR LOCAL HISTORY STUDY



Science

Sound:

Identify how sounds are made, associating some of them with something vibrating. Recognise that sounds travel through a medium to the ear. Find patterns between the pitch of a sound and features of the object that produced it. Find patterns between the volume of a sound and the strength of the vibrations that produced it. Recognise that sounds get fainter as the distance from the sound source increases.

Art

Create observational drawings using contrast, texture and tonal techniques to add detail – drawing engine houses to illustrate our information texts.

Music

Mining chants-the children will learn to compose their own chants that follow a steady rhythm.

Children will compose music for a mining soundscape, using percussion instruments and sound bites.

Wide World	Footprints
Theme	Theme
Know how diverse the world is	Spaceship earth
Celebrating differences	Energy saving
Respect, rights and responsibilities	Where my food comes from
Understanding democracy	Developed and developing
Kernow	Biodiversity
Empathising with others	How I can make a difference

History

Local history study focusing on the mining industry.

Local History Mining

Why Cornwall was so heavily mined.

Impact mining had on Cornwall both positive e.g. economic and negative e.g. waste.

How landscape was changed due to mining

Importance mining had on influencing technology e.g. Trevithick, Davey

How Cornwall was linked to other areas of the world e.g. Peru

Understand process of mining and features of historical mines.

Know why tin was so important and understand trade links

Typical lifestyles in mining communities