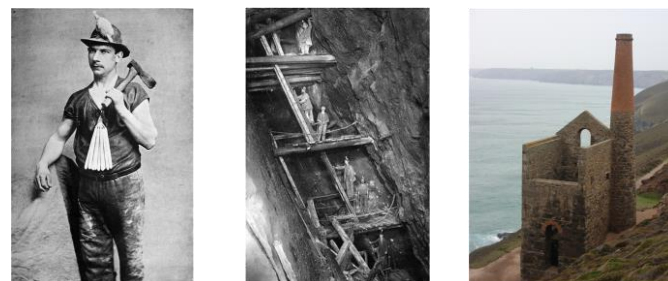


## History



Miner.      Man Engine.      Engine House.

Why do I see engine houses when I'm out and about in Cornwall.

Mining tools and equipment from the past  
How Miners' and their families lived and worked in the past

What it was like to be a child miner in the past.

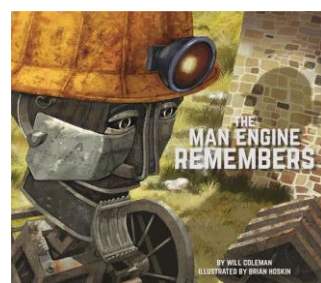
The dangers of mining in the past.

Cornish vocabulary:

Hello - Dydh da      Please - Mar pleg

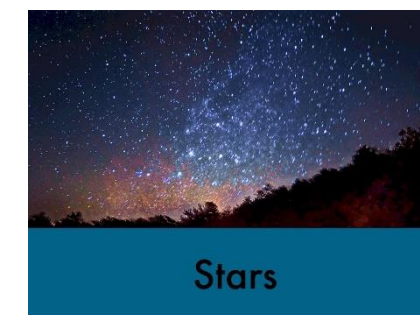
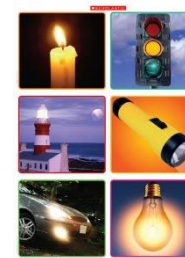
Thank you - Meur ras

## English Links



Kober! Arghans! Sten!  
Sten! Sten!  
Yn pub karrek? Yn pub men!  
Kober! Arghans! Sten!  
Sten! Sten!  
An gwella sten? Yn Kernow!

## Mining



Stars

## Science Information - Materials

Darkness is the absence of light.

The sun is a star that provides light and heat to the Earth.

The moon does not make its own light. It reflects the light from the sun.

A shadow is caused by blocking a source of light.

There are natural and man-made sources of light.

Some things 'reflect' light like shiny objects and materials. They do not make their own light, but light from a source bounces off these objects and they can appear really bright.

Opaque material does not allow the light to pass through. You cannot see through it.

Transparent material is clear and allows the light to pass through.

The sun is so bright that it can hurt our eyes so we never look directly at it even wearing sunglasses!



## Vocabulary

light source	A source of light is anything where light comes from or something that makes its own light like the sun or fire.
material	What an object is made from.
daylight	This is when it is light outside. The amount of daylight changes with each season.
dark	The absence of light.
Man Engine	The ladder used by miners to travel into and out of a mine (see photo)
Sten	Cornish word for tin
Tull	Felt hard hat worn by miners
Poll Pick	Mining tool
Kernow	Cornwall
Bal Maids	The girls and women who worked at the mines

## What I will know

### What I already know

The days get darker in winter.  
When the season changes the amount of daylight changes  
The sun provides us with light.  
We turn on a light when it is dark.  
That miners work underground

### What is light and a light source

How miners can see underground.  
Find out which materials are reflective.  
Find out which materials are transparent, and which block the light.  
Light is the brightness that comes from the sun or other light sources such as a torch etc.

### How will I find out?

Look at different light sources.  
Identify whether light sources are natural or man-made.  
Use torches to find out which materials are reflective.  
Test which materials are transparent and opaque.  
Experience darkness.  
Look at, handle and discuss mining artefacts