

Theme: 3
Key Stage: 2

'Cutting Edge' Technology

Dear Time Traveller,



You have been chosen by your teacher to be transported back in time between the years:

1568 up to 1816

Your mission is to gather information. You will need to report back to your teacher when you return to the present time.

Iron is a metal that has been used for many centuries - as far back as the Iron Age. There is a picture on the wall that shows an object made from iron which dates back to Roman times. What is it?

Iron was used for making all sorts of things. Write or draw some of the items that you think would have been made from iron between 1568 and 1815:

To find some ideas look at the timeline and the pictures on the wall display. Look also at 'Living Conditions' on the touch-screens to find household objects made out of iron.



Horse shoes

Theme: 3

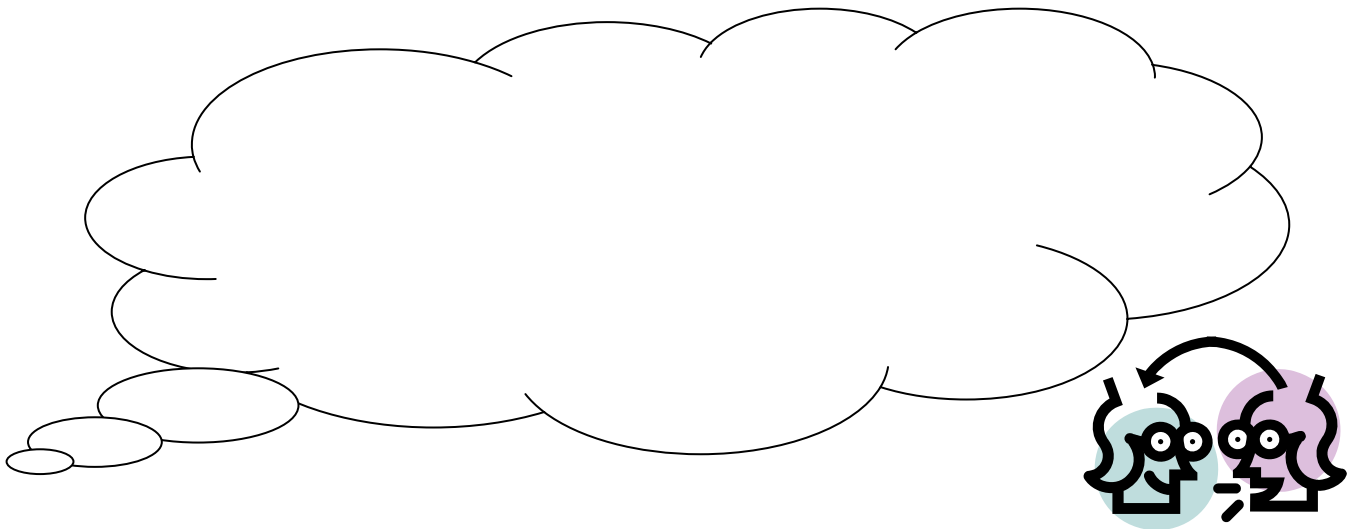
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Using one of the touch-screens, select **Iron Making**. Then go to the film animation called **Iron Country**. Watch it carefully at least twice. In 1789, the Blaenavon Ironworks started to produce iron. Look at the timeline and pictures to find out what events took place that may have increased the need for iron.

Clues: On the timeline look at the years: 1756, 1776, 1793 and 1815 - what do they all have in common? Also look for a picture above the one of Eridge Castle.

Why do you think more iron was needed? Make notes inside the think bubble:



Read the wall display called **Blaenavon Ironworks** and using one of the touch-screens select **Iron Making** and then go to the section called **Raw Materials**.

Why do you think that Blaenavon was chosen as a place to make iron?

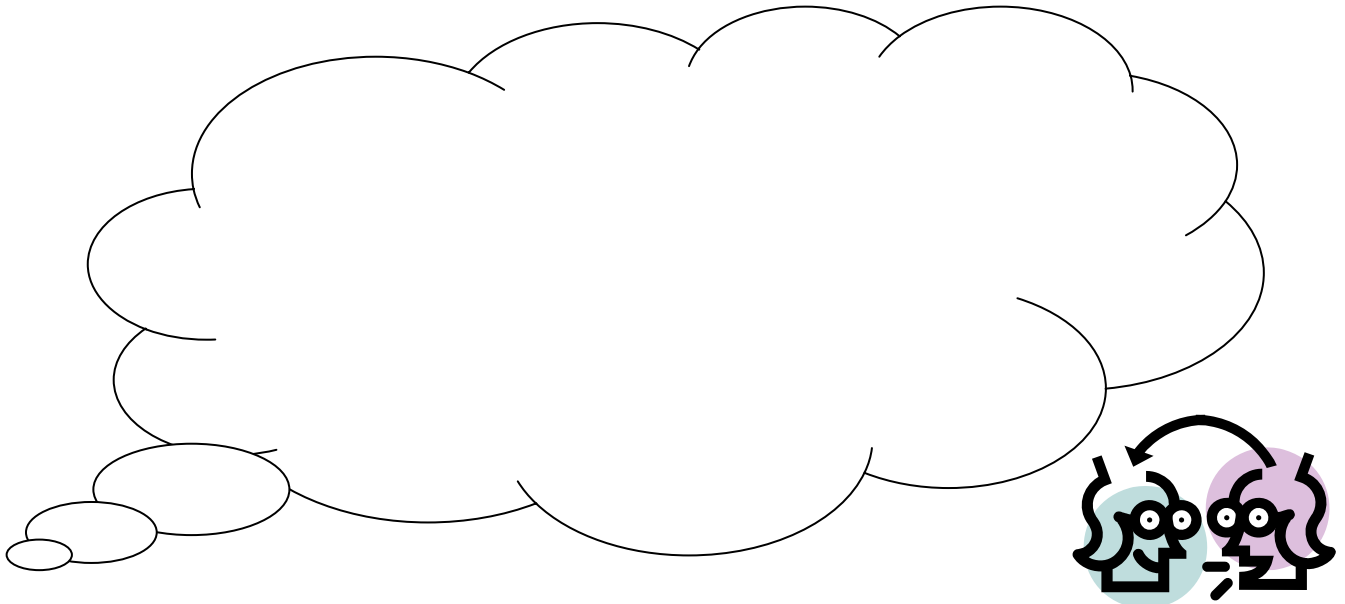
Clue: What was needed to make iron?

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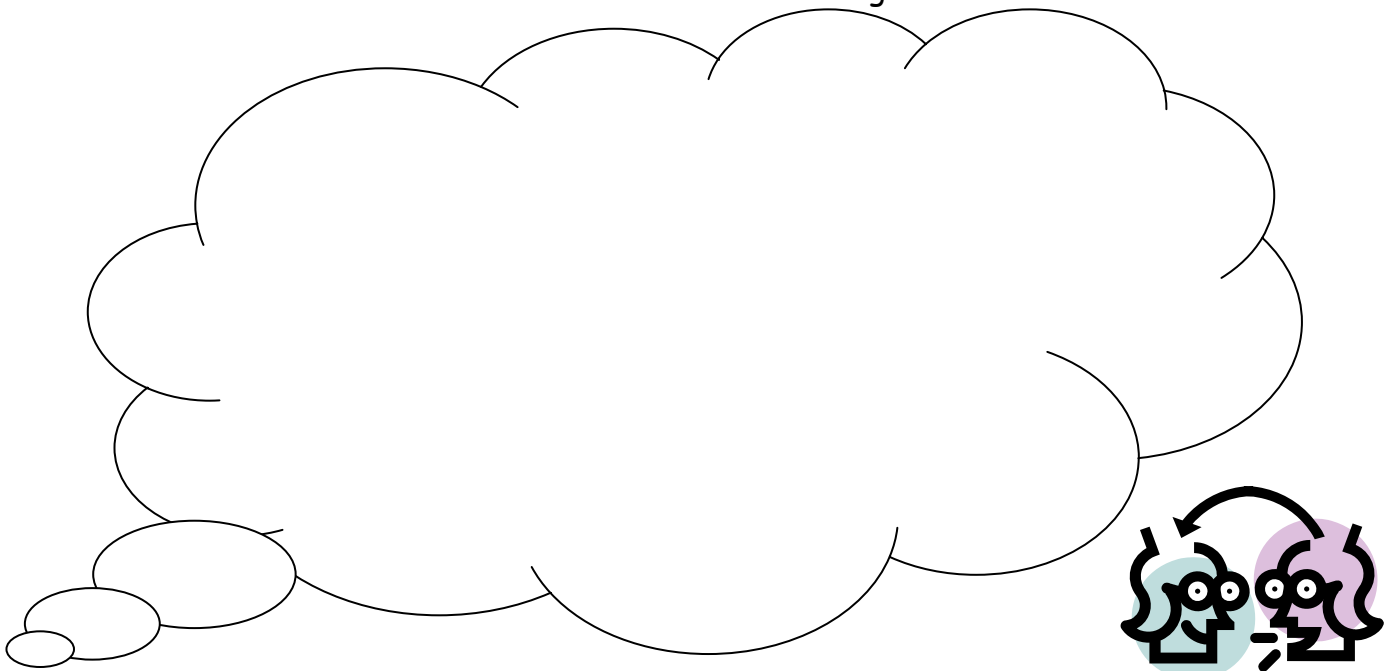
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Look at the large picture on the wall display of Blaenavon Ironworks drawn by Richard Colt Hoare in 1798. What do you think this picture tell us about an ironworks at this time? Make notes inside the think bubble.



After 1815 there was a sudden dip in the need for iron so the price of iron fell. Why do you think this dip happened and why did it affect the demand or need for iron? Clue: Look at the 1815 timeline date. Make notes again.



When you finish, go back to the touch-screens and read the rest of the sections on iron-making. On the back of the sheet, make notes about how iron was made during this time.