



7. Lime kilns and the interlinking nature of industry

Objectives:

- Explain what, when and why in relation to the lime kilns at Henllys Vale
- Discuss other industries that the Lime Kilns were dependant on
- Describe how other industries themselves depended each other

Resources: Whiteboard/projector, worksheet, A3 paper, colouring pencils

Literacy Numeracy Citizenship

National curriculum: History: Wales in industrial Britain 1760 – 1914

Chronological awareness, Historical knowledge and understanding

Geography: importance of location

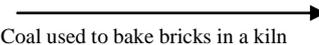
Recognise and describe human and physical geographical patterns

GCSE: History WJEC GCSE Popular Movements in England and Wales 1815 – 1845

Geography WJEC (B) Avery Hill: 7.Location of economic activity is influenced by a range of factors

Geography WJEC (A) 1. What factors affect location of economic activity

| Time (Approximate) | Activity Guidelines | Resources |
|------------------------------|--|---|
| 3 minutes | <p><i>Introduction</i></p> <p>As a starter activity ask the pupils to individually answer the five questions on slide 2</p> <p>WHO? WHAT? WHERE? WHY? WHEN?</p> <p><i>These questions are all specifically related to the lime kilns at Henllys Vale</i></p> <p><i>Encourage pupils to write down a few answers to the question as this will be looked at in more detail through the lesson</i></p> | PowerPoint |
| 2 minutes | <p>Go through the lesson aims on slide 3</p> <p><i>This allows the pupils to see where the learning is going to take them.</i></p> | PowerPoint |
| 2 minutes | <p>Main</p> <p><u>Lime kilns and the interlinking nature of industry in Henllys Vale</u></p> <p>1. Use slides four with just the heading to discuss with the class their answers to what?</p> <p><i>Go through answers</i></p> | PowerPoint, board markers and answers to the lesson started |
| 2 minutes | <p>2. Use slide five to answered the question where? Ask pupils to come up to the board to mark the location onto the maps (four maps in total decreasing in scale) this is mainly a recap exercise from lesson one</p> | |
| 2 minutes | <p>3. Use slide 6 with just the heading to answer as a group who & when, then go through answers on the slide</p> | |
| 2 minutes | <p>4. Using slides 7 and 8 answer as a group how? Encouraging answers about how the kilns work then go through slides.</p> | |
| 2 minutes | <p>5. Use slide 9 to answer as a group - why? Encouraging answers about why the kilns are needed, the uses. Then go through slide</p> | |

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| 2 minutes | <p><i>Slide 10 asks the question</i> <i>How do the kilns fit in with other local industry?</i> <i>Ask question as a group, encouraging pupils to pull on information from previous lesson, what does the kiln need to work? Who uses the lime?</i></p> | PowerPoint |
| 8 minutes | <p><i>Slides 11-19 give a rundown of the other local industry and how they interlink.</i> <i>(Agriculture, coal, iron, brickworks, transport and limestone/quarrying)</i> <i>Information is mainly centred around the links with the lime kilns, but does high light other links.</i> <i>Go through slides, encourage pupils to suggest answers on each industry type</i> <i>Do the lime kilns use this? Is this a product from the lime kilns? Etc</i> <i>Also encourage pupils to read out loud pieces from the slides, making sure that key words are explained.</i></p> | PowerPoint |
| 2 minutes 10 minutes 1 minute 2 minutes 3 minutes 3 minutes | <p><i>Main activity</i> <i>To consolidate pupils learning about the interlinking nature of the industry in Henllys Vale</i></p> <p><i>This activity can be speeded up by the pieces being cut out in advance, and also laminated if to be used several times</i></p> <ol style="list-style-type: none"> <i>1. Ask pupils to cut out the pieces (if not already done)</i> <i>2. Arrange the pieces into the headed industries</i> <i>3. Stick the lime kiln pieces into the centre of the A3 sheet</i> <i>4. Arrange the other industries around the outside of the page</i> <i>5. Draw arrows to show the links between these industries and lime kilns</i> <i>6. In a different colour also draw the links between the other industries (eg coal and iron, transport and coal)</i> | PowerPoint, worksheet, A3 paper, coloured pencils |
| | <p><i>Extension activities</i></p> <ol style="list-style-type: none"> <i>1. Ask the pupils to write a few words by the arrows to describe the links</i> <p><i>For example: coal</i>  <i>Brickworks</i></p> <ol style="list-style-type: none"> <i>2. Write a paragraph or a few sentences describing how the industry of Henllys Vale was dependant on each other, using the diagram created.</i> | A3 worksheet |
| 2 minutes | <p><i>Conclusion</i> <i>Using slide 21 encourage pupils to think about what they have learnt during this lesson, recap the main points by briefly going through the starter activity shown on the slide</i></p> | A3 worksheet and paper/exercise book PowerPoint |
| 2 minutes | <p><i>Lesson End</i> <i>Read through the aims on the final slide briefly tick off the items to show that they have been met</i></p> | PowerPoint |