

# A Welsh town

## Mathematics learning objectives

### Framework:

- **U&A:** Follow a line of enquiry; answer questions by choosing and using suitable equipment and selecting, organising and presenting information in lists, tables and simple diagrams.
- **HD:** Answer a question by collecting and recording data in lists and tables; represent the data as block graphs or pictograms to show results; use ICT to organise and present data.

**NC:** Ma2, 1a, c-g; 5a-b

### Geography learning objective (NC)

- **2d:** Use secondary sources of information (for example, CD-ROMs, pictures, photographs, stories, information texts, videos, artefacts).

### Vocabulary

Block graph, chart, label, represent, table, title

### Resources

- Safety scissors, glue sticks, digital camera

### CD-ROM slideshow:

- Activity sheets: 'A Welsh town fact sheet', 'January in Spain' (also p17), 'Weather chart' 1 and 2 and 'A Welsh town block graph'
- Images: 'Location 1-6'
- Block graph tool
- Interactive table: 'Weather chart'

### Introduction

Display or provide copies of activity sheet 'A Welsh town fact sheet'. Read this together. Then ask the children to say what they have learned about this town. Ask:

- Where is the town?
- Do you think it is a big town or a small town? Why?
- Where could you stay if you went on holiday there?
- How many shops are there in total?
- What do you think the weather is like in August?

### Children's task

Begin by looking at activity sheet 'January in Spain' and discuss the questions. Then provide the children with activity sheets 'Weather chart' 1 and 2. Ask them to use the information on 'A Welsh town fact sheet' to make a



### CD-ROM follow-up material

Display the images 'Location 1-6' from the CD-ROM on the whiteboard (with the captions off) and compare the places. Ask the children, in their groups, to describe each one, including the weather. What categories can they think of to group the images?

weather chart for the week in August. They cut out the weather symbols and glue them onto the chart.

Next, ask them to choose some of the data from 'A Welsh town fact sheet', such as how many shops or how many places to stay. They then make their own block graph on activity sheet 'A Welsh town block graph', or using the block graph tool in the Kids Zone of the CD-ROM. They write their own title and labels, and decide whether to put a scale of 1:1 or 1:2, depending upon the size of the numbers.

### Differentiation

**More confident:** Challenge the children to find the weather for a week in August where they live from an internet search, and make another weather chart.

**Less confident:** Read through the information sheet again. Check that the children understand the weather symbols and can match these to the appropriate words in the description of the weather.

### Review

Photograph and upload to the class computer one of the more confident children's local weather chart and some block graphs. First, display the interactive 'Weather chart' and ask questions such as:

- What was the weather like this week?
- Do you think it was a good week to be on holiday? Why or why not?
- Which was the best day for the weather? Why?

Repeat this with a local weather chart and ask the children to make comparisons such as:

- Is the weather similar to the Welsh weather?
- Why do you think that is?
- How many days were hot/cloudy/rainy?

Now reveal a completed block graph representing the shops in the Welsh town and ask, for example:

- What does each square stand for?
- How do you know that?
- So how many more cafes are there than restaurants?

Repeat this for a block graph of the accommodation in the town and ask similar questions.

### Now try this...

Children make similar charts for their home town and compare for similarities and differences. They collect information in tables.

## January in Spain

This chart shows the weather for one week in Spain during January.

Look at the chart and then answer the questions.

Day	Temperature	Weather	Wind
Saturday	1/2	Cloudy	1/2
Sunday	1/2	Rainy	1/2
Monday	1/2	Cloudy	1/2
Tuesday	1/2	Sunny	1/2
Wednesday	3/4	Cloudy	1/2
Thursday	1/2	Sunny	1/2
Friday	1/2	Cloudy	1/2

1. How many days were warm?
2. What sort of day was Wednesday?

3. When did it rain?
4. On which two days was it sunniest?