

Human bar chart

A living example to demonstrate how bar charts work

Great for...

- **Maths** handling data

Activity

- 1 Work with the children to create a survey based upon a topic you are working on. Each of the questions should have multiple answers to each question. For example: your questions might be 'what is your favourite lesson?' Children would then choose between maths, science, history etc...
- 2 Take the children out into the grounds to your playground grid (see 'What you need') and conduct the survey with the class.
- 3 Place a picture or word in front of each column of your marked grid to represent each of the possible answers.
- 4 The children should then stand in line by the answer most appropriate to them.
- 5 When the children are all in place, take a picture of the results.
- 6 Back in the classroom you can view the pictures on a projector for the children to translate into real bar charts.

What you need

- **A grid marked on your playground** large enough for each child in the class to stand in a square. A permanent hundred square marked on the playground would be ideal for this
- **Pictures or words** to represent each answer of the survey
- **A digital camera**

Preparation

- Introduce the concept of bar charts to the children, showing how each block represents the count of one.
- Create the grid in your grounds.
- Print out the words or pictures representing each possible answer to your questions.

Less challenging

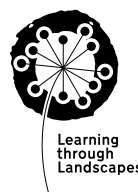
- Give the children a pre-drawn scale for the axis to work from.

More challenging

- Get the children to use computer spreadsheets to illustrate the bar charts.
- Do the same activity but create a human pie chart.

Your notes

Use this space to evaluate the activity



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