

Crisp Survey

The children in Miss Young's class carried out a survey to find out what flavours of crisps children liked best in their class.

They recorded their answers in a table using the tally method.

Flavour of crisps	Tally	Total
Smoky bacon		
Ready salted		
Roast chicken		
Salt and vinegar	++++	
Cheese and onion	+++ +	

1. Copy and complete the table.
2. Draw a bar chart (block graph) to illustrate the data.
3. Which is the most popular flavour of crisps (the modal flavour)?
4. **When they were carrying out the survey the children in Miss Young's class experienced a problem.** Think carefully about the survey. Imagine that you were carrying out the survey yourself using the data shown. **Why might there be a problem with the table they used to collect their data?**
5. **One of the children in Miss Young's class said, "Hardly anyone likes roast chicken flavour, Miss."** What is wrong with what they've said?
6. **There are 30 children in Miss Young's class.** Why is Greg right when he says, "But Miss, we can tell for sure what flavour the children in our class like best?"
7. What would you have to do to find out what was the least favourite flavour of crisps?