GATHERING INFORMATION

Name:

Assessment Criteria: Gather information

1. Two six-sided dice are rolled thirty times and the sum is recorded each time. These are the totals:

   6, 8, 10, 8, 7, 7, 5, 8, 9, 9, 9, 3, 7, 6, 7, 2,
   4, 10, 10, 7, 4, 7, 3, 5, 3, 10, 7, 3, 9, 7

   a) Record this information in a way that is easier to use

   b) Explain your decision in part (a)

2. Theo thinks that the best way to collect information for any survey is to ask your friends and family. Do you agree with him? Explain your answer.

3. How could you approach finding out which are the most common birds in a school's wildlife area? What would be the best way to record the information?

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4. The children at a primary school complete a survey of how many books they read last week. They found out that Oak class read 16 books, Willow class read 14 books, Ash class read 23 books, Beech class read 4 books, Sycamore class read 2 books and Maple class read 13 books.

   Suggest two ways that this information can be presented. You do not need to draw any diagrams.

   _____ and _____

5. Mr Musker says,

   '*I think tea is the most popular hot drink in our class*'

   Explain how you would find out if this is true or not. What would be the best way to present the information you find out? Explain your decision.

Overall, I think my success level is:	Low ○ ○ ○ ○ High

Q	GATHERING INFORMATION	☺	☹
	I can suggest what information needs to be collected to answer a question or complete a survey.		
	I can (suggest how to) collect and record data		
	I can choose from tables, pictograms, tally charts and bar charts to present data so that it is easy to understand		
	I can use and interpret mathematical (symbols and) diagrams		

I need to practise …

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