

Kit's Computing Challenge: Organising Our Data

Learning objective: To understand how to collect, organize, and present data using digital tools.

Use this writing frame to describe how you would conduct a survey and present your findings. Follow Kit the fox's steps to explain your data handling process.

To begin my data investigation, I have decided to survey my classmates about their favorite fruit because...

Word bank: tally chart · bar chart · spreadsheet · data set · frequently · category · in addition · consequently · visual representation

1. Planning the Survey: What is your research question and how will you collect your data? Start by saying: My aim is to find out... I will collect this information by... (2 marks)

2. Recording the Results: How will you organize your tally chart? Start by saying: I will create a table with two columns; the first column will be... and the second column will be... (2 marks)

3. Digital Tools: Why is it helpful to use a computer to present your data? Start by saying: Using a computer program is beneficial because it allows me to... (2 marks)

4. Analysing the Data: What does your data tell you? Start by saying: Looking at my finished chart, I can see that the most popular choice is... and the least popular choice is... (2 marks)

5. Reflecting on Accuracy: How can you ensure your data is correct? Start by saying: To make sure my data is accurate, I will double-check that... (2 marks)

Extension challenge: Imagine you are presenting your findings to Kit. Write a short conclusion explaining one way you could improve your survey if you were to do it again next week.