

Kit's Computing Data Investigation

Learning objective: To collect, organise, and present data to answer a specific question about the world around us.

Kit the fox loves solving puzzles using data! To complete this activity, choose a question you want to investigate (e.g., 'What is the most popular fruit in our class?' or 'How many blue items can I find in the playground?'). Use the sections below to plan your data collection, record your findings, and present your conclusion.

Word bank: tally chart · frequency · data · bar chart · category · total · information · survey

1. The Big Question: What are you trying to find out? Write your investigation question here. (2 marks)

2. Data Collection Plan: List the categories you will use and explain how you will gather your information (e.g., by asking classmates or counting objects). (3 marks)

3. Tally Chart: Draw a tally chart here to record your findings as you collect your data. (4 marks)

4. The Results: Calculate the total (frequency) for each of your categories. Which category had the highest number? (2 marks)

5. Conclusion: What does your data tell you? Write a sentence explaining what you discovered from your investigation. (3 marks)

Extension challenge: If you were to show your data on a computer using software, which type of chart would be best to use and why?