Max’s Christmas Market Maths Planner

Learning objective: To apply multi-step calculations, including addition, subtraction, and multiplication, to solve real-life money problems involving decimals.

Max the monkey is helping organise a charity Christmas market. Help him manage the stall budgets and stock lists. Use your maths skills to calculate the total costs, find the change from a £20 note, and work out how much profit the stall makes. Show your working out clearly in the boxes provided.

Word bank: budget · expenditure · profit · calculation · decimal point · total cost · remainder

1. The Shopping List: Choose three items for your stall (e.g., decorations, snacks, or gifts). List their prices and calculate the total expenditure. (3 marks)

2. The Payment: If you have a £20 note to pay for your chosen items, calculate exactly how much change you should receive back. (2 marks)

3. Multiplying Stock: If one box of festive crackers costs £4.75, how much would it cost to buy 6 boxes for the stall? (3 marks)

4. The Profit Plan: You sold 12 handmade cards for £1.50 each. If the materials cost you £8.00 in total, what is your final profit? (3 marks)

5. Max’s Challenge: Explain the steps you took to ensure your calculations were accurate. Why is it important to keep track of pennies when managing a budget? (2 marks)

Extension challenge: Imagine you have a budget of £50. Create a table showing how you would spend this money across five different stall categories, ensuring you spend as close to the £50 limit as possible without going over.