

# The Great Expedition Planning Challenge

*Learning objective: To apply strategic decision-making and budgetary skills to organise a safe and successful outdoor expedition.*

Max the Monkey is planning a trekking expedition through the Peak District! He has a budget of £50.00 to purchase essential supplies. Use the word bank to select the most vital items for a safe outdoor adventure. Calculate the total cost of your selected items, ensuring you stay within the budget, and justify your choices based on safety and necessity.

*Word bank: Waterproof jacket (£14.50) · Lightweight compass (£6.75) · Reusable water bottle (£4.25) · High-energy trail mix (£3.50) · Portable solar charger (£12.00) · Sturdy hiking boots (£22.00) · First aid kit (£9.50) · Decorative wind chime (£5.00) · Paper map of the area (£3.00)*

**1. List the items you have chosen for the expedition and calculate the total cost. Show your working out. (3 marks)**

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**2. Justify your decision: Why is it more important to pack a map and compass than a portable solar charger for a day hike? (2 marks)**

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**3. Explain why the 'Sturdy hiking boots' are a significant investment for a trekker compared to standard trainers. (2 marks)**

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**4. If you had an extra £10.00 to spend, which item would you add to your list and why? (2 marks)**

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**5. Compare and contrast: Why might a reusable water bottle be a better choice for the environment than buying five individual plastic bottles? (2 marks)**

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**6. What might happen if a hiker decided to leave the 'First aid kit' behind to save money? Evaluate the risks involved. (3 marks)**

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**Draw:** Draw a labelled diagram of your backpack, showing exactly where you would pack each of your chosen items to ensure the weight is balanced for a long trek.



*Extension challenge: Imagine the weather forecast suddenly changes from 'sunny' to 'heavy rain'. Write a short paragraph explaining how you would adapt your expedition plan and which additional safety precautions you would take.*