

Verbal Reasoning Challenge: The Library of Logic

Learning objective: To assess logical deduction, vocabulary analysis, and linguistic pattern recognition skills in line with Year 4 expectations.

Read each question carefully. Max the monkey thinks these puzzles are great fun! Write your answers clearly in the spaces provided. You have 45 minutes to complete this assessment.

Pip the bookworm caterpillar is organising the library shelves. Pip uses a secret code to arrange the books. To help Pip, you must look for the connections between words, find the odd one out, and solve the logic behind the patterns.

Word bank: Chronicle · Deduce · Synonym · Antonym · Prefix · Suffix · Categorise

1. Identify the odd word out in this list and explain your reasoning: Brave, Fearless, Courageous, Timid, Valorous. (2 marks)

2. If the word 'UNHAPPY' is coded as 'UN' + 'HAPPY', identify the prefix and suffix in the word 'REPLAYING'. (2 marks)

3. Complete the analogy: Kitten is to Cat as Cub is to _____. Explain the relationship between these pairs. (3 marks)

4. Max the monkey has three items: a banana costing £1.20, an apple costing £0.80, and a pear costing £0.90. If he buys one of each, how much does he spend? Write the word for the total amount. (2 marks)

5. Look at this sequence: Big, Huge, Massive, _____. Provide a word that fits the pattern of increasing size, then justify why you chose that specific word. (3 marks)

6. If 'DOG' is written as '3-15-7', using the position of letters in the alphabet (A=1, B=2...), how would you write 'CAT'? (3 marks)

7. Imagine you are Pip the bookworm. Write a short explanation (3-4 sentences) describing a new system for organising library books that isn't alphabetical. Why would your system be helpful for other animals in the forest? (5 marks)

8. Compare and contrast the words 'Ancient' and 'Modern'. Justify why they are antonyms by describing their meaning in relation to time. (3 marks)

Draw: Draw a map of Pip's library, showing how you would categorise books (e.g., by colour, by animal species, or by adventure type).



Extension challenge: Total: /25. Greater Depth Task: What might happen if all the words in the world lost their synonyms? Write a paragraph explaining the impact this would have on how we communicate and tell stories.