

Max's Mathematical Mystery: An Explanation Text Template

Learning objective: To write a clear and logical explanation text using causal conjunctions, passive voice, and technical vocabulary to describe a process.

Max the monkey wants to know how things work! Use this template to create an explanation text about a scientific process or a mechanical invention. Ensure you use a formal tone, present tense verbs, and clear headings. Remember to use causal conjunctions like 'consequently', 'therefore', and 'due to' to link your ideas.

Word bank: consequently · furthermore · mechanically · subsequently · process · phenomenon · activated · equilibrium · systematically · precisely

1. Introduction: State the name of the process or machine you are explaining. Provide a brief definition of what it is and its primary purpose. (2 marks)

2. The Components: List the essential parts required for this process to function. Why are these components vital to the success of the system? (3 marks)

3. Step-by-Step Sequence (Part 1): Describe the initial stages of the process. Use technical vocabulary to explain how the sequence begins. (3 marks)

4. Step-by-Step Sequence (Part 2): Explain the final stages of the process. How does the system achieve its final result? (3 marks)

5. Explain why the order of these steps is critical. What might happen if the sequence were rearranged or if one step were omitted? (4 marks)

6. Justify why this process is important for humans or the natural world. How does it improve efficiency or solve a specific problem? (4 marks)

Extension challenge: Imagine a fault occurs within your process. Write a short 'Troubleshooting' paragraph explaining the potential cause of the error and the steps required to rectify it, using formal, instructional language.