Mastering the Art of Instructions: A Guide for Young Inventors

Learning objective: To write clear, concise, and logical instructions using imperative verbs and time connectives, incorporating advanced structural devices for greater depth.

Follow this scaffold to help Max the monkey explain how to build a mechanical banana-peeler. Ensure your tone is instructional and your steps are sequenced chronologically.

To construct your very own mechanical banana-peeler, you must first gather the necessary components with absolute precision.

Word bank: Subsequently · Prior to commencing · Crucially · In order to · Simultaneously · Ensure · Precision · Methodically · Alternatively · Examine

1. Introduction: State the purpose of your invention. What problem does it solve and why is it essential to follow these steps carefully? Start with: 'This ingenious device is designed to...' (2 marks)

2. Equipment List: List the required materials using bullet points. How can you ensure the reader understands the exact specifications needed? Start with: 'Before embarking on this project, you will require...' (2 marks)

3. Step-by-Step Method: Write the first three steps. How will you use imperative verbs to ensure clarity? Start with: 'Initially, secure the base by...' (3 marks)

4. Refining the Process: Explain a safety precaution or a 'top tip' for success. Why is this specific step critical for the mechanism to function correctly? Start with: 'To avoid complications, it is vital that you...' (3 marks)

5. Troubleshooting: If the invention fails, what should the user check? Justify why these specific components might be the cause of failure. Start with: 'Should the device fail to operate, examine...' (3 marks)

6. Evaluation: Conclude by describing the intended outcome. Compare this manual process to doing the task by hand. Start with: 'Once complete, you will observe that...' (2 marks)

Extension challenge: Imagine your invention has a flaw that only becomes apparent after 100 uses. Write a formal 'Revision Note' to the user explaining how to adapt the design to improve its longevity. Justify your proposed changes using scientific reasoning.