

Max's Strong Structures Challenge

Learning objective: To explain how to build a strong structure using stable shapes.

Max the monkey is building a tower. Use the prompts below to explain your own design. Use the word bank to help you write your sentences.

To make my structure strong, I chose to use triangles because they do not change shape easily.

Word bank: strong · stable · triangle · base · balance · because · first · then · finally

1. The Design: What shape did you choose for your structure and why? Start your sentence with: I chose to use... (2 marks)

2. The Base: Why is it important to have a wide base at the bottom? Start your sentence with: A wide base helps because... (2 marks)

3. The Materials: What materials did you use to build your structure? Start your sentence with: I used these materials to build it... (2 marks)

4. The Test: Was your structure successful? Start your sentence with: My structure was successful because... (2 marks)

Extension challenge: If you could build your structure again, what one thing would you change to make it even stronger?