

Max the Monkey's Material Investigation

Learning objective: To identify and compare the suitability of different materials for everyday objects based on their properties.

Max needs your help to test materials! Follow these steps:

1. Choose an object in your classroom (e.g., a ruler, a jumper, or a cup).
2. Write down what it is made of.
3. Think about how the material feels and acts.
4. Use the word bank to help you describe it.

Word bank: hard · soft · flexible · waterproof · transparent · opaque · stretchy · strong · smooth · rough

1. Object name: What object are you testing today? (1 mark)

2. Material: What is the object made of? (e.g., wood, plastic, fabric, metal) (1 mark)

3. Properties: Describe the material using two words from the word bank. Use this sentence starter: The material is _____ and _____. (2 marks)

4. Suitability: Why is this material a good choice for this object? (e.g., It is strong so it does not break.) (2 marks)

Extension challenge: If you could make this object out of a different material, what would you choose? Explain why.