

Nova's Material Investigation

Learning objective: To describe and group materials based on their properties.

Help Nova the owl test different objects. Use the sentences below to write about what you find. Use the word bank to help you write your ideas.

Nova the owl wants to find the best material to build a new nest that keeps her dry when it rains.

Word bank: hard · soft · waterproof · stretchy · strong · because · but · flexible · transparent

1. Identify one material. Start your sentence: 'I have chosen a piece of [material name]. It is...' (2 marks)

2. Describe how it feels. Start your sentence: 'The material is [property] because...' (2 marks)

3. Is it waterproof? Start your sentence: 'It is/is not waterproof because...' (2 marks)

4. Does it bend? Start your sentence: 'This material is [flexible/stiff] so it can...' (2 marks)

Extension challenge: Can you name one material that would be a bad choice for a nest? Why?