Nova’s Material Investigation

Learning objective: To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.

Nova the owl is looking at the objects in her classroom. Choose an object and use the prompts below to describe what it is made of and why it is a good material for that job.

I am looking at a wooden chair in the classroom.

Word bank: because · smooth · hard · shiny · rough · waterproof · strong · and · but

1. What is the object you have chosen and what material is it made from? Start your sentence with: 'I am looking at a...' (2 marks)

2. Can you describe what the material feels like? Start your sentence with: 'The material feels...' (2 marks)

3. Why is this material a good choice for this object? Start your sentence with: 'It is a good choice because...' (3 marks)

4. Can you think of one other material that would NOT be good for this object? Start your sentence with: 'A bad material would be...' (2 marks)

5. What would happen if the object was made of something else? Start your sentence with: 'If it was made of... it would be...' (2 marks)

Extension challenge: Find an object at home and write down three adjectives to describe its material properties. Is it flexible, transparent, or magnetic?