

Year 1 Science Assessment: Everyday Materials

Learning objective: To identify, name, and describe the physical properties of everyday materials.

Read each question carefully. Use the word bank to help you spell tricky words. Ask your teacher if you need help reading a question.

Nova the owl is looking at objects in her nest. She has a metal spoon, a wooden block, a plastic cup, and a soft woolly blanket. She wants to know what they are made of and why they are useful.

Word bank: metal · plastic · wood · glass · rock · waterproof · shiny · hard · soft · bendy · stiff

1. Nova has a metal spoon. Name one property of the metal spoon. Is it shiny or dull? (1 mark)

2. Why is a plastic cup a good choice for drinking water? Think about what happens if you drop it compared to a glass cup. (2 marks)

3. Max the monkey is building a bridge. He needs a material that is hard and stiff. Tick two materials from the list that would be good for a bridge: Plastic, Metal, Wool, Paper, Wood. (2 marks)

4. Bea the bee is looking for a material to keep her honey dry. Does she need a material that is waterproof or absorbent? Explain your answer. (3 marks)

5. Sort these objects into the correct group: A metal key, a wooden pencil, a glass marble, a plastic ruler. (Draw a table or write them in two lists: Natural materials and Man-made materials). (4 marks)

6. Look at the object described: 'It is clear, hard, and breaks if you drop it.' What material is this? (2 marks)

7. Imagine you are designing a new umbrella for Pip the caterpillar. Write 3-4 sentences explaining which material you would choose and why. Think about properties like 'waterproof' or 'soft'. (5 marks)

8. If a plastic toy costs £2 and a metal toy costs £4, how much would it cost to buy one of each? Show your working. (6 marks)

Draw: Draw a picture of a raincoat. Label the material it is made from and explain why that material is perfect for a rainy day.



Extension challenge: Total: /25