Nova’s Material Marvels Quiz

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

Help Nova the owl sort through her nest! Read each question carefully and circle the correct answer or write your answer on the line provided.

Answer Key: 1.C, 2.True, 3.False, 4.Metal, 5.Transparent, 6.False, 7.Flexible, 8.Wood, 9.True, 10.Hard. Well done for completing Nova's material challenge!

Word bank: Transparent · Flexible · Waterproof · Hard · Opaque · Magnetic

1. 1. Which material is best for making a window because it lets light through? A) Wood B) Metal C) Glass* D) Cardboard (1 mark)

2. 2. True or False: A waterproof material will stop water from soaking through it. (1 mark)

3. 3. True or False: All rocks are man-made. (1 mark)

4. 4. Which material is most likely to be attracted to a magnet: Plastic, Wood, or Metal? (1 mark)

5. 5. What is the special word for a material that you can see clearly through? (Clue: starts with T) (1 mark)

6. 6. True or False: A metal spoon is flexible and can be easily bent into a knot by hand. (1 mark)

7. 7. Is a fabric jumper 'flexible' or 'hard'? (1 mark)

8. 8. Which of these is a natural material that comes from trees: Plastic or Wood? (1 mark)

9. 9. True or False: Plastic is often used for bottles because it is durable and waterproof. (1 mark)

10. 10. Would you describe a diamond as 'soft' or 'hard'? (1 mark)

Draw: Draw your favourite object from your classroom and label it with two properties, such as 'smooth', 'transparent', or 'hard'.

Extension challenge: Nova wants to build a roof for her nest! Write three sentences explaining why you would choose a specific material (like plastic or slate) to keep the rain out.