Y1 Properties of Materials

KS1 Y1 Science · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Describe a metal spoon using property words.

Step 1 · Look at it

Shiny, not see-through

Step 2 · Touch it

Hard, smooth, cold

Step 3 · Try to bend it gently

Stiff — it doesn't bend easily

Answer: Metal is hard, smooth, shiny, stiff and not see-through

Check: Use your senses — look and touch — to find properties.

2. Now try one with the steps

What is the opposite of 'rough'?

Step 1 · Rough feels bumpy, like sandpaper

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. What is the opposite of hard?

2. What is the opposite of shiny?

3. What is the opposite of bendy?

4. Is a rock hard or soft?

5. Name a material that is see-through.

6. Name a material that is stretchy.

7. What word describes a material that does not let water through?

8. Is sandpaper rough or smooth?

9. Which is softer: wool or wood?

10. Give two properties of glass.

11. Zoe put 5 drops of water on paper. 5 drops soaked through. How many drops stayed on top?

12. Is paper waterproof? How could you find out?

13. Name one property that wood and metal share, and one that is different.

4. Before you hand it in

Mixing up a property word with a material name ('the spoon is metal-y').
Material = what it's made of. Property = what it's like.

Thinking all hard materials behave the same.
Describe more than one property.

Thinking 'soft' and 'bendy' mean the same thing.
Soft = squashes when pressed. Bendy = can be bent without breaking.

Guessing properties without testing.
Test it: look, touch, bend, squash or drip water on it.