

KS1 Science Quiz - Materials - Properties (Investigating) (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Science for children aged 5 and 6 in years 1 and 2. Specifically this quiz is aimed at the section dealing with investigating simple properties of materials.

You have investigated materials. In your investigations you have done simple experiments and found out different properties. In this quiz you have to choose which you think will be the best material. Each question asks you to choose between four different materials. Each question is about a simple property of materials - hardness, softness, strength, bendiness, and so on. Can you choose the best material? Which has the best property for the job? How many can you get right?

1. Sarah asks, 'Which one of these is the hardest material?'



- Steel
- Butter
- Bread
- Wood

2. Toni asks, 'Which one of these is the strongest material?'



- Clay
- Brick
- Iron
- Paper

3. Adil asks, 'Which one of these materials is the stretchiest?'



- Wood
- Rubber
- Plastic
- Cotton

4. Emma asks, 'Which one of these materials is the most transparent?'



- Paper
- Glass
- Jelly
- Cola

5. Annie-Lee asks, 'Which one of these materials is the shiniest?'



- Gold
- Clay
- Iron
- Concrete

6. Leo asks, 'Which one of these is the softest material?'



- Feathers
- Rock
- Cardboard
- Card

7. Abby asks, 'Which one of these is the bendiest?'



- Plastic Ruler
- Wooden Pencil
- Metal Slinky Spring
- Wooden Cricket Bat

8. Liam asks, 'Which one of these materials is the roughest?'



- Paper
- Cardboard
- Wool
- Concrete

9. Freddie asks, 'Which one of these materials is the smoothest?'



- Wood in a door
- Glass in a mirror
- A concrete path
- A brick wall

10. Ellie asks, 'Which one of these materials is the weakest?'



- Soggy paper
- Dry paper
- Wool
- Cotton

KS1 Science Quiz - Materials - Properties (Investigating) (Answers)

1. Sarah asks, 'Which one of these is the hardest material?'



- Steel
- Butter
- Bread
- Wood

Steel is a metal. It is made from iron

2. Toni asks, 'Which one of these is the strongest material?'



- Clay
- Brick
- Iron
- Paper

Bricks are strong, but iron is stronger

3. Adil asks, 'Which one of these materials is the stretchiest?'



- Wood
- Rubber
- Plastic
- Cotton

Rubber is the most elastic

4. Emma asks, 'Which one of these materials is the most transparent?'



- Paper
- Glass
- Jelly
- Cola

Some glass is coloured. But clear glass is always transparent

5. Annie-Lee asks, 'Which one of these materials is the shiniest?'



- Gold
- Clay
- Iron
- Concrete

Gold is shiny. It is used for rings and jewellery

6. Leo asks, 'Which one of these is the softest material?'



- Feathers
- Rock
- Cardboard
- Card

Pillows used to be filled with feathers because they were soft

7. Abby asks, 'Which one of these is the bendiest?'



- Plastic Ruler
- Wooden Pencil
- Metal Slinky Spring
- Wooden Cricket Bat

The Slinky Spring is the most flexible

8. Liam asks, 'Which one of these materials is the roughest?'



- Paper
- Cardboard
- Wool
- Concrete

Even smooth concrete is rough compared to cardboard

9. Freddie asks, 'Which one of these materials is the smoothest?'



- Wood in a door
- Glass in a mirror
- A concrete path
- A brick wall

Mirrors are smooth so that you can see a clear image

10. Ellie asks, 'Which one of these materials is the weakest?'



- Soggy paper
- Dry paper
- Wool
- Cotton

Cotton is very thin, but it is really quite strong