

## KS1 Science Quiz - Materials - Rough And Smooth (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 the texture of materials, for example rough and smooth.

Have you ever tried running your hand over a brick wall? It is rough. But the glass in a mirror is really smooth. What is the difference between rough and smooth? Different materials feel very different. Some are soft to the touch. Others are hard and sharp - some are so sharp they could cut you. How materials feel is called their texture. Let's find out a bit more about the texture of materials.

1. How a material feels is called its \_\_\_\_\_.



- Strength
- Bendiness
- Texture
- Warmth

2. Most school playgrounds are made of tarmac or concrete. The surface of the playground is:



- Soft
- Hard
- Warm
- Bendy

3. This playground is covered in bark from trees. You still have to be careful, but the surface is:



- Harder
- Softer
- Colder
- Smoother

4. Most roads are made from tarmac. The road surface is:



- Very smooth
- Very bumpy
- Quite rough
- Quite weak

5. When the weather is very cold, there is snow and ice. When there is ice on the road, the road is:



- Smoother
- Rougher
- Harder
- Drier

6. This man is planing a piece of wood. The wood will be:



- Harder
- Softer
- Rougher
- Smoother

7. This man is polishing a car with a machine. The car will be:



- Rougher and shinier
- Harder and duller
- Smoother and shinier
- Softer and shinier

8. Wool is \_\_\_\_ to the touch.



- Hard
- Soft
- Cold
- Cool

9. This man is rubbing a piece of wood to make it smooth. He is rubbing the wood with sandpaper. The sandpaper is:



- Smooth
- Rough
- Wet
- Elastic

10. These are pebbles on a beach. The pebbles are:



- Rough and weak
- Rough and flexible
- Smooth and hard
- Smooth and soft

## KS1 Science Quiz - Materials - Rough And Smooth (Answers)

1. How a material feels is called its \_\_\_\_\_.



- Strength
- Bendiness
- Texture
- Warmth

A running track is quite rough, so the runner's shoes can grip the track

2. Most school playgrounds are made of tarmac or concrete. The surface of the playground is:



- Soft
- Hard
- Warm
- Bendy

Have you ever fallen and grazed your knee?

3. This playground is covered in bark from trees. You still have to be careful, but the surface is:



- Harder
- Softer
- Colder
- Smoother

Which bit of your local playground do you like best?

4. Most roads are made from tarmac. The road surface is:



- Very smooth
- Very bumpy
- Quite rough
- Quite weak

Roads are quite rough so that car tyres can grip the road

5. When the weather is very cold, there is snow and ice. When there is ice on the road, the road is:



- Smoother  
 Rougher  
 Harder  
 Drier

The road is smooth and slippery. Big lorries spread grit on the road to melt the ice and give cars some grip

6. This man is planing a piece of wood. The wood will be:



- Harder  
 Softer  
 Rougher  
 Smoother

The man is a carpenter

7. This man is polishing a car with a machine. The car will be:



- Rougher and shinier  
 Harder and duller  
 Smoother and shinier  
 Softer and shinier

What is your favourite colour of car?

8. Wool is \_\_\_\_ to the touch.



- Hard  
 Soft  
 Cold  
 Cool

A lot of carpets are made from wool

9. This man is rubbing a piece of wood to make it smooth. He is rubbing the wood with sandpaper. The sandpaper is:



- Smooth  
 Rough  
 Wet  
 Elastic

The rough sandpaper makes the wood smooth

10. These are pebbles on a beach. The pebbles are:



- Rough and weak  
 Rough and flexible  
 Smooth and hard  
 Smooth and soft

Pebbles are stones. They are made from rock. But they have been made smooth by the sea and the waves