

KS1 Science Quiz - Materials - Grouping by Common Properties (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 grouping materials by their common properties.

Scientists group things together by the properties they have in common. Rubber bands and springs might be grouped together. What do they have in common? They are both stretchy! In this quiz, you have to match 10 materials to their main properties. So, what is the best word for steel? Steel has some different properties. It is strong. It is also hard. But it is not soft or weak. Can you match all ten of these materials to the best answer? Think hard about each material in turn. Some are easy, but there are some difficult ones - see if you can get them all.

1. Water is _____.



- Opaque
- Runny
- Rough
- Hard

2. Rubber bands are _____.



- Rough
- Elastic
- Hard
- Strong

3. Brick is _____.



- Soft
- Rough
- Smooth
- Transparent

4. Ice is _____.



- Weak
- Runny
- Bendy
- Smooth

5. Rock is ____.



- Soft
- Weak
- Flexible
- Hard

6. Sand is ____.



- Strong
- Elastic
- Bendy
- Runny

7. Flour is ____.



- Soft
- Hard
- Strong
- Wet

8. String is ____.



- Hard
- Smooth
- Stretchy
- Flexible

9. Air is ____.



- Transparent
- Opaque
- Strong
- Hard

10. Springs are ____.



- Soft
- Wet
- Flexible
- Dry

KS1 Science Quiz - Materials - Grouping by Common Properties (Answers)

1. Water is _____.



- Opaque
- Runny
- Rough
- Hard

Water is a liquid. It is a fluid. Fluids are runny

2. Rubber bands are _____.



- Rough
- Elastic
- Hard
- Strong

Rubber bands are not very strong - they can snap. Have you ever made a loom bracelet?

3. Brick is _____.



- Soft
- Rough
- Smooth
- Transparent

What do builders do?

4. Ice is _____.



- Weak
- Runny
- Bendy
- Smooth

Have you ever been ice-skating?

5. Rock is _____.



- Soft
- Weak
- Flexible
- Hard

Would you like to do rock climbing when you are older?

6. Sand is _____.



- Strong
- Elastic
- Bendy
- Runny

Have you ever built a sandcastle on a beach?

7. Flour is ____.



- Soft
- Hard
- Strong
- Wet

Do you like baking?

8. String is _____.



- Hard
- Smooth
- Stretchy
- Flexible

Have you ever tied up a parcel with string?

9. Air is _____.



- Transparent
- Opaque
- Strong
- Hard

The wind may blow strongly, but you can see through the air

10. Springs are _____.



- Soft
- Wet
- Flexible
- Dry

Springs are flexible and elastic - they are bendy and stretchy