

KS1 Science Quiz - Materials - Metal and Non-Metal (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 Materials.

Are all solids made of metal? No - wood, glass and plastic are not metal. They are non-metals. How can you tell the difference between metals and non-metals? Metals are very important. They are often very strong. Metals are used in wires. They are inside lots of things that look plastic - computers and televisions have metals inside them. What do you know about metals and how they are used to make things?

1. Look at these chairs. The legs of these chairs are made from _____.



- Plastic
- Wood
- Clay
- Metal

2. Which one of these is a metal?



- Plastic
- Water
- Oxygen
- Copper

3. What are pound coins made from?



- Paper
- Card
- Plastic
- Metal

4. Sam is helping in the garden. He has a trowel. The trowel has a wooden handle. What is the rest of the trowel made from?



- Wood
- Plastic
- Metal
- Rubber

5. What are cars mainly made from?



- Wood
- Stone
- Metal
- Plastic

6. Gold is used to make jewellery. Other metals are also used to make jewellery. Which one of these is a metal used to make jewellery?



- Lead
- Iron
- Silver
- Tin

7. The picture shows a tyre swing in a playground. Which one of these is made from metal?



- The tyre
- The bark on the ground
- The chains
- The air

8. Which one of these is a metal?



- Rubber
- Brick
- Iron
- Steam

9. These drinks cans are made from aluminium. Aluminium is a _____.



- Plastic
- Gas
- Liquid
- Metal

10. Which one of these is a metal?



- Diamond
- Glass
- Cotton
- Gold

KS1 Science Quiz - Materials - Metal and Non-Metal (Answers)

1. Look at these chairs. The legs of these chairs are made from _____.



- Plastic
- Wood
- Clay
- Metal

What are the legs of the chair you are sitting on made from?

3. What are pound coins made from?



- Paper
- Card
- Plastic
- Metal

Coins are made of metal. What colour is a 10p piece?

2. Which one of these is a metal?



- Plastic
- Water
- Oxygen
- Copper

A lot of water pipes are made of copper

4. Sam is helping in the garden. He has a trowel. The trowel has a wooden handle. What is the rest of the trowel made from?



- Wood
- Plastic
- Metal
- Rubber

What is the difference between a trowel and a spade?

5. What are cars mainly made from?



- Wood
- Stone
- Metal
- Plastic

The engine of a car is made of metal. Most of the body of the car is also made of metal

6. Gold is used to make jewellery. Other metals are also used to make jewellery. Which one of these is a metal used to make jewellery?



- Lead
- Iron
- Silver
- Tin

Gold, silver and bronze are used to make medals

7. The picture shows a tyre swing in a playground. Which one of these is made from metal?



- The tyre
- The bark on the ground
- The chains
- The air

What is your favourite type of swing?

9. These drinks cans are made from aluminium. Aluminium is a ____.



- Plastic
- Gas
- Liquid
- Metal

Aluminium is a light metal. It is used to make aeroplanes

8. Which one of these is a metal?



- Rubber
- Brick
- Iron
- Steam

The picture is Iron Bridge in Shropshire. It was the first bridge in the world that was built from iron

10. Which one of these is a metal?



- Diamond
- Glass
- Cotton
- Gold

Diamond is not a metal