

## KS1 Science Quiz - Energy - Sound of Musical Instruments (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 sound energy and musical instruments.

Sound is a form of energy and all musical instruments make sounds. Do you like playing musical instruments? At school you will have found out about how different musical instruments make sounds. Sometimes you hit things to make a sound, like a drum. Other things you pluck, like a guitar. Some things you blow to make a sound, like a recorder. This quiz is all about sound energy and making sounds by playing musical instruments.

1. These children are playing musical instruments in class. Their teacher is listening to them. How does the sound get from the musical instruments to the teacher?



- Through wires
- Through the internet
- Through electricity
- Through the air

2. Joe is playing the recorder. What does Joe do to make a sound?



- Joe blows into the recorder
- Joe hits the recorder
- Joe blows across the top of the recorder
- Joe taps on the side of the recorder

3. Some musical instruments are enormous. What is this boy playing?



- A piano
- An accordion
- An organ
- A tuba

4. Carla is playing on a guitar. The guitar has strings. What does Carla do to make a sound with the guitar?



- Carla blows across the strings
- Carla uses a bow to scrape across the strings
- Carla blows into the guitar
- Carla plucks the strings with her fingers

5. Ella and Anna are making music with tambourines. They can make a sound by hitting the tambourine with their hand. How else can they make a sound?



- By shaking the tambourines
- By blowing on the tambourines
- By not moving the tambourines
- By keeping the tambourines still

6. Lauren plays the recorder. Lauren also plays the flute. They both involve blowing. What is the difference?



- Lauren blows into the recorder, but blows away from the flute
- Lauren blows into the recorder, but blows across the top of the flute
- Lauren blows across the top of the recorder, but blows into the flute
- Lauren blows away from the recorder, but blows towards the flute

7. Harry is playing a beat on the drum. What does Harry do to make a sound?



- Harry blows across the top of the drum
- Harry rests his hands on the drum
- Harry hits the drum with his hands
- Harry lifts the drum up with his hands

8. Roberta is playing the triangle. She hits the triangle with a stick. What is the triangle made from?



- Plastic
- Wood
- Metal
- Rubber

9. Marie is playing the piano. The piano has keys. What does Marie do to make the piano make a sound?



- Marie hits the keys with a stick
- Marie presses down on the keys with her fingers
- Marie plucks the strings in the piano
- Marie presses down on the keys with her feet

10. Beatrice is playing a musical instrument with a bow. What is she playing?



- A guitar
- A violin
- A flute
- A clarinet

## KS1 Science Quiz - Energy - Sound of Musical Instruments (Answers)

1. These children are playing musical instruments in class. Their teacher is listening to them. How does the sound get from the musical instruments to the teacher?



- Through wires
- Through the internet
- Through electricity
- Through the air

Sound travels through the air. That's how we hear

3. Some musical instruments are enormous. What is this boy playing?



- A piano
- An accordion
- An organ
- A tuba

Organs have lots of metal pipes. The pipes are different lengths. They each make a different sound

2. Joe is playing the recorder. What does Joe do to make a sound?



- Joe blows into the recorder
- Joe hits the recorder
- Joe blows across the top of the recorder
- Joe taps on the side of the recorder

How do you make different notes with a recorder?

4. Carla is playing on a guitar. The guitar has strings. What does Carla do to make a sound with the guitar?



- Carla blows across the strings
- Carla uses a bow to scrape across the strings
- Carla blows into the guitar
- Carla plucks the strings with her fingers

Each string makes a different sound



5. Ella and Anna are making music with tambourines. They can make a sound by hitting the tambourine with their hand. How else can they make a sound?



- By shaking the tambourines
- By blowing on the tambourines
- By not moving the tambourines
- By keeping the tambourines still

When Ella and Anna shake the tambourines, the metal discs hit each other and make a sound

6. Lauren plays the recorder. Lauren also plays the flute. They both involve blowing. What is the difference?



- Lauren blows into the recorder, but blows away from the flute
- Lauren blows into the recorder, but blows across the top of the flute
- Lauren blows across the top of the recorder, but blows into the flute
- Lauren blows away from the recorder, but blows towards the flute

What is your favourite musical instrument?

7. Harry is playing a beat on the drum. What does Harry do to make a sound?



- Harry blows across the top of the drum
- Harry rests his hands on the drum
- Harry hits the drum with his hands
- Harry lifts the drum up with his hands

Can you play the drums?

8. Roberta is playing the triangle. She hits the triangle with a stick. What is the triangle made from?



- Plastic
- Wood
- Metal
- Rubber

Metal makes a sound if you hit it

9. Marie is playing the piano. The piano has keys. What does Marie do to make the piano make a sound?



- Marie hits the keys with a stick
- Marie presses down on the keys with her fingers
- Marie plucks the strings in the piano
- Marie presses down on the keys with her feet

The piano has wires. When you press on a key a little hammer hits a wire. That's what makes the sound

10. Beatrice is playing a musical instrument with a bow. What is she playing?



- A guitar
- A violin
- A flute
- A clarinet

How does Beatrice make a sound with the bow?