Light and Sound

Grade 1 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Which is a fair test of which object is loudest?

   Use a different room each time.

   Hit one hard and one softly.

   Hit each one the same way.

2. A guitar makes a sound. What are the strings doing?



   They stay still. They get cold. They shake back and forth.

3. How can you stop a drum from making sound?



   Hit it harder. Turn the drum upside down. Hold the drum skin still.

4. You ring a bell. Then you hold it. Why does the sound stop?



   It gets bigger. It stops shaking. It gets brighter.

5. A room is very dark. Why can't you see a toy?

   The toy is too small. No light reaches it. The toy is too loud.

6. You turn on a lamp. What does it give?



   shade sound light

7. Light passes through a clear window. What does that mean?



You can see through it. It makes a sound. You cannot see through it.

8. You hold up a piece of cardboard. Can you see through it?



No. It blocks the light.

Yes. It lets light through.

Yes. Cardboard is thin.

9. Which one makes a sound when it shakes?



READ THIS FIRST

Ben's ruler

Ben puts a ruler on a desk with one end off the edge. He flicks the end. The ruler shakes and makes a sound. Then Ben holds the ruler still. There is no sound.

10. What makes the sound?

The ruler shakes. The desk shakes. The floor shakes.

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Light and Sound

Answer Key - Grade 1 Science Worksheet

Circle the answer.

1. Which is a fair test of which object is loudest?

   Use a different room each time.

   Hit one hard and one softly.

   Hit each one the same way.

2. A guitar makes a sound. What are the strings doing?



   They stay still. They get cold. They shake back and forth.

3. How can you stop a drum from making sound?



   Hit it harder. Turn the drum upside down. Hold the drum skin still.

4. You ring a bell. Then you hold it. Why does the sound stop?



   It gets bigger. It stops shaking. It gets brighter.

5. A room is very dark. Why can't you see a toy?

   The toy is too small. No light reaches it. The toy is too loud.

6. You turn on a lamp. What does it give?



   shade sound light

7. Light passes through a clear window. What does that mean?



You can see through it.

It makes a sound.

You cannot see through it.

8. You hold up a piece of cardboard. Can you see through it?



No. It blocks the light.

Yes. It lets light through.

Yes. Cardboard is thin.

9. Which one makes a sound when it shakes?



READ THIS FIRST

Ben's ruler

Ben puts a ruler on a desk with one end off the edge. He flicks the end. The ruler shakes and makes a sound. Then Ben holds the ruler still. There is no sound.

10. What makes the sound?

The ruler shakes.

The desk shakes.

The floor shakes.