

# It's too loud!

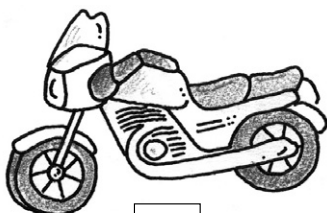
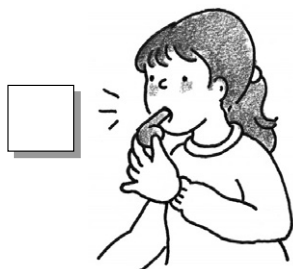
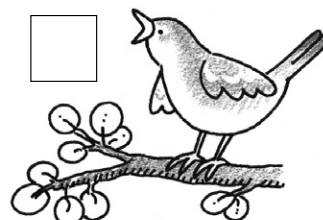
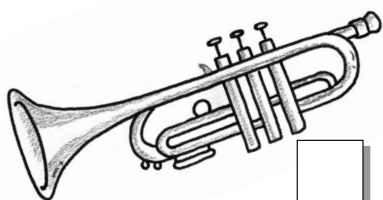
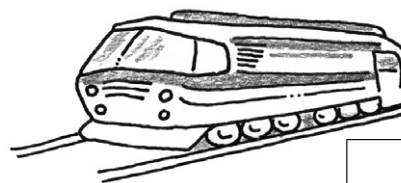
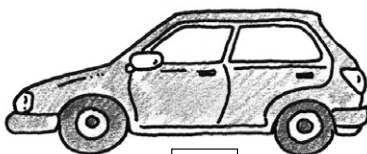


## Observations

You use your ears to hear sounds. Some sounds are loud and easy to hear. Other sounds are quiet and hard to hear. Some sounds are so loud they hurt your ears. People can wear ear protectors to protect their hearing in places where sounds are very loud.

## Science activity

If you stood next to each of these things, which one would sound the loudest? Place a check mark (✓) on the box beside it. Which one would sound the quietest? Put an (✗) in the box beside it. Circle the one that is so loud you would need to wear ear protectors to stand near it.



## Science exploration

Place some popcorn on a wooden cutting board. What happens when you tap harder and harder with a wooden spoon?

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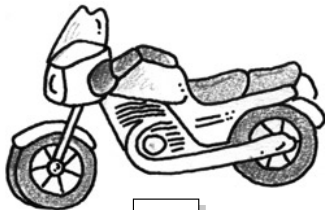
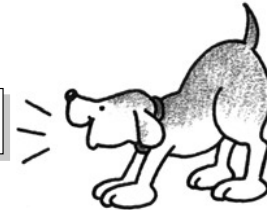
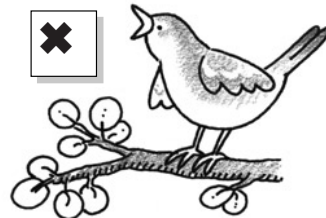
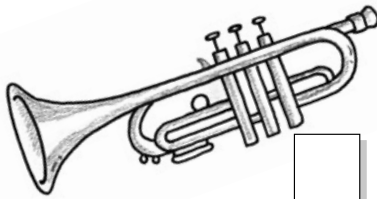
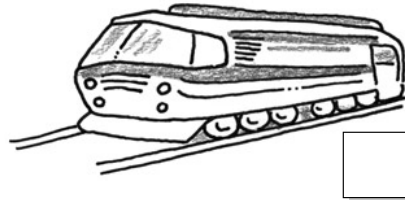
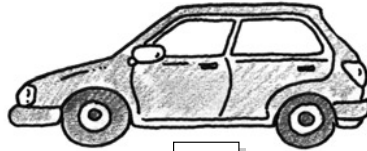
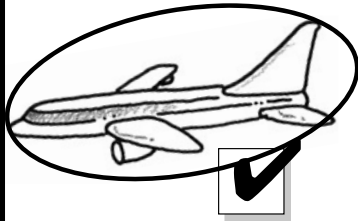


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## Science exploration

The child will learn that the loudness of sound varies. As the child taps harder, the sound becomes louder and the popcorn will jump higher and higher. Ask the child what he or she feels against his or her hand. The child should feel the vibrations of the board.