

# Science Study Guide

## Chapter 11 "Sound"

1. How is sound made? Sound is made when \_\_\_\_\_  
Sounds can be loud, soft, high, or low.

Answer: *an object vibrates.*

2. What does the word vibrate mean?

Answer: *It means to move back and forth quickly.*

3. What word describes how high or low a sound is?

Answer: *Pitch*

4. Objects that vibrate quickly make a sound with a 1) \_\_\_\_\_  
pitch. Objects that vibrate slowly made a 2) \_\_\_\_\_ pitch.

Answer: *1) high 2) low*

5. Sound travels through solids, liquids, and gases. Does sound travel  
through solids or liquids faster?

Answer: *solids*

6. Explain how you can make loud and quiet sounds when you use a  
whistle.

Answer: *You can blow hard on a whistle to make a loud  
sound. You can blow gently on a whistle to make  
a quiet sound.*

7. Animals make sounds in different ways. They use their bodies to  
make the sounds. What so all animal sounds have in common?

Answer: *They all come from something that vibrates.*

8. Name an animal that makes a low pitch sound.

*Possible Answer: Bullfrog*

9. Name an animal that makes a high pitch sound.

*Possible Answer: Bird*