

Name:



### Loud Vs. Quiet

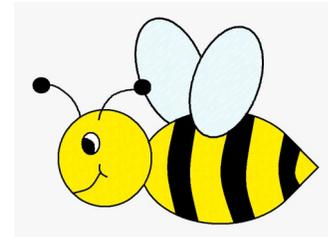
Circle which object makes the louder sound!



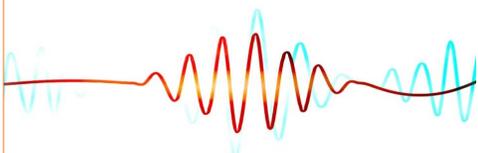
Or



Or



Or



## **Vocabulary List and Student Definition (elementary level):**

**Sound:** A kind of energy that you hear. Sounds are made when an object vibrates.

**Hearing:** One of the five human senses. Allows us to be aware of sound by vibrations in our ears.

**Motion:** a change in position compared to a place or an object that is not moving

**Vibrate:** To move back and forth quickly

**Matter:** The material all things are made of. Matter can be a solid, liquid, or a gas.

**Senses:** The way we tell what the world is like. The five senses are sight, hearing, smell, taste, and touch.

**Musical Instruments:** Objects people use to make sound or music

### **Student Activities:**

1. **Kinesthetic Activity:** Have students stand up and shake back and forth while using their voices to make sound. Sometimes we can see the vibration, just like we demonstrated. Another good example of seeing vibrations is by plucking the strings of a guitar, rubber band, or using a slinky.
2. **Sound Walk:** Prior to the walk ask students the following question: What can we find out from the way something sounds? List their ideas on a sheet of chart paper that can be displayed. Then take the group on a walk around the school yard, or hallway, or for virtual students at home a walk around the house. Remind them that they should keep talking to a minimum during the walk because they will be using their sense of hearing to listen. There will be time to talk about their observations back in class. Challenge them to really focus on the sounds they hear during the walk. Once back in the classroom, allow students to share their observations. List the sounds on a new sheet of chart paper (labeled Observations) to be displayed. Lastly, ask students to hypothesize about what made this sound?
3. Ask students to write or draw their observations from the sound walk.