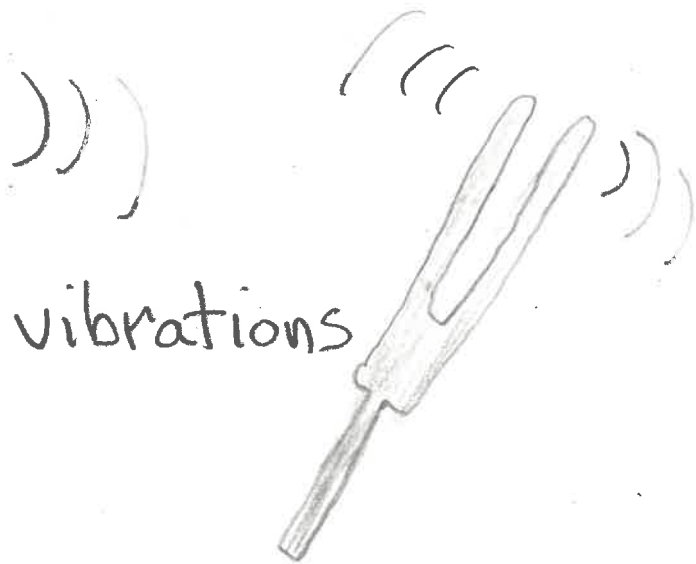
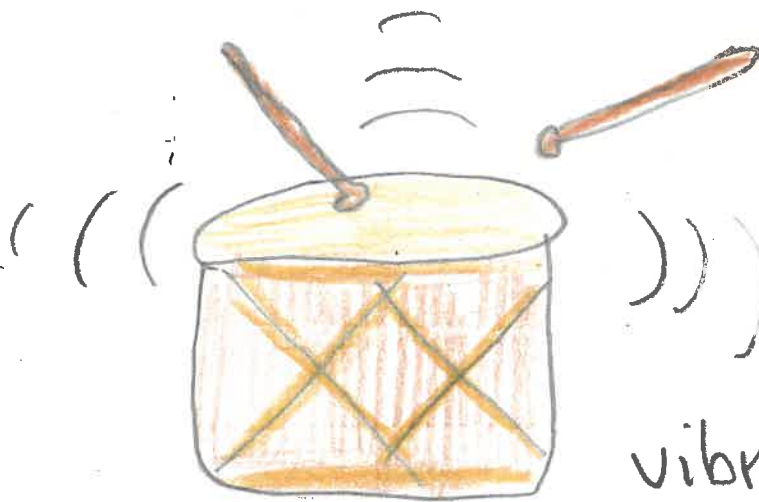


Name \_\_\_\_\_

# Sound

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# Where Does Sound Come From?

Name: \_\_\_\_\_

Worksheet



- drum and drumstick
- salt
- balloon
- whistle



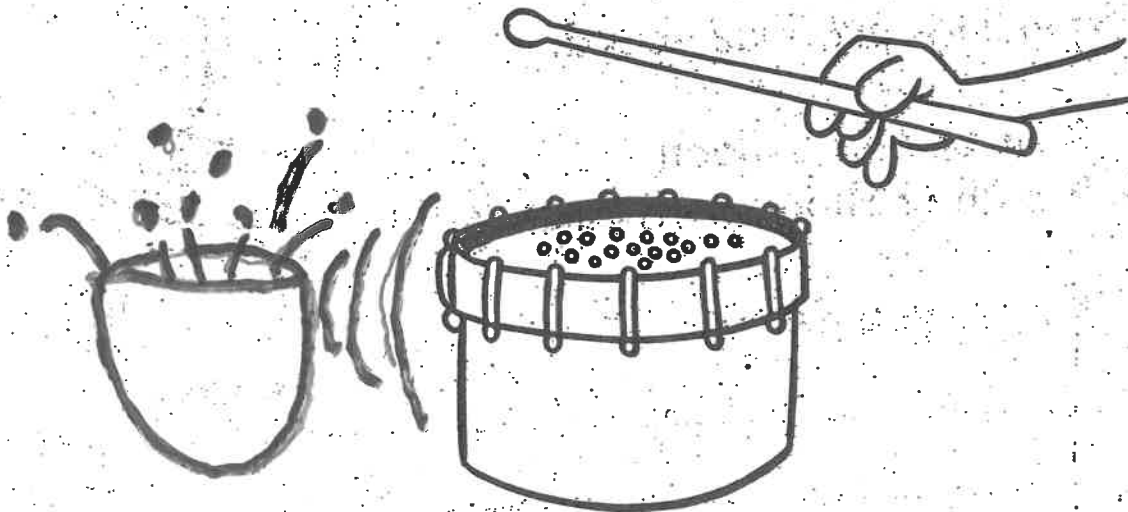
Vibrations produce sound.

1. Sprinkle the salt on the drum.
2. Hit the drum with the drumstick.



What happens to the salt?

it bounces





# Where Does Sound Come from?

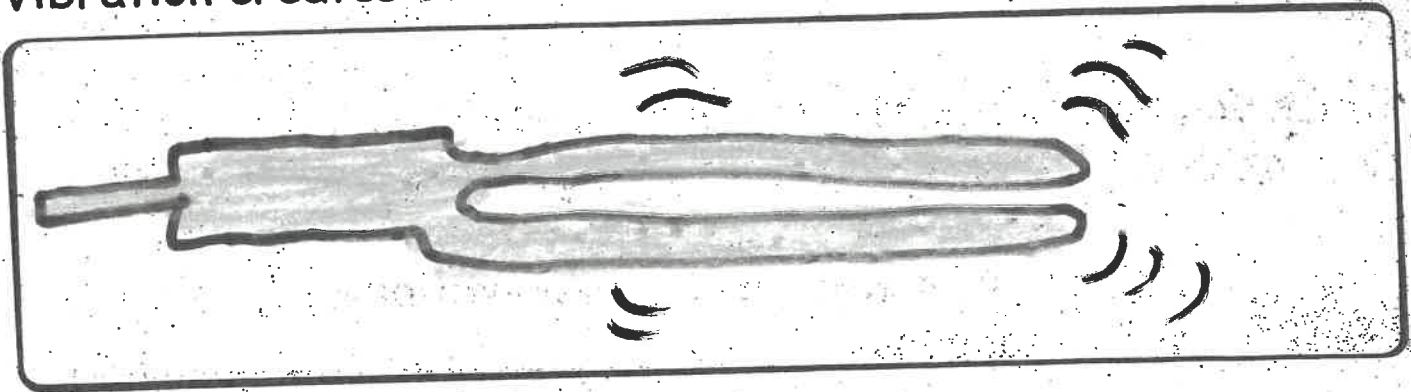
Name: \_\_\_\_\_

Worksheet

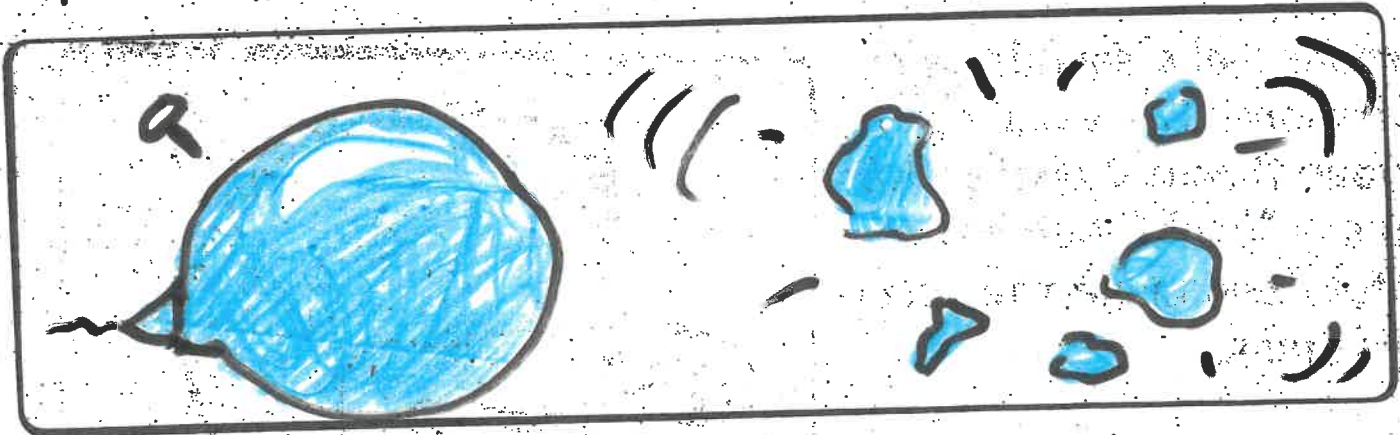


What did you discover? Three ways to produce sound! Draw a picture of each one:

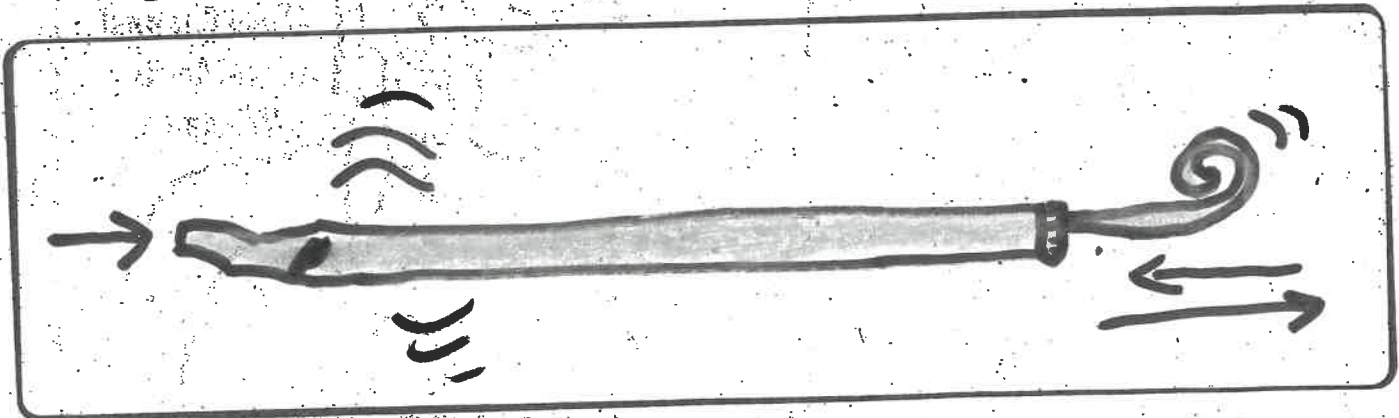
Vibration creates sound



Explosions produce sound



Blowing air produces sound





# How Do Humans Make Sound?

Name: \_\_\_\_\_

You know that vibrations produce sound.  
How do humans make sound?



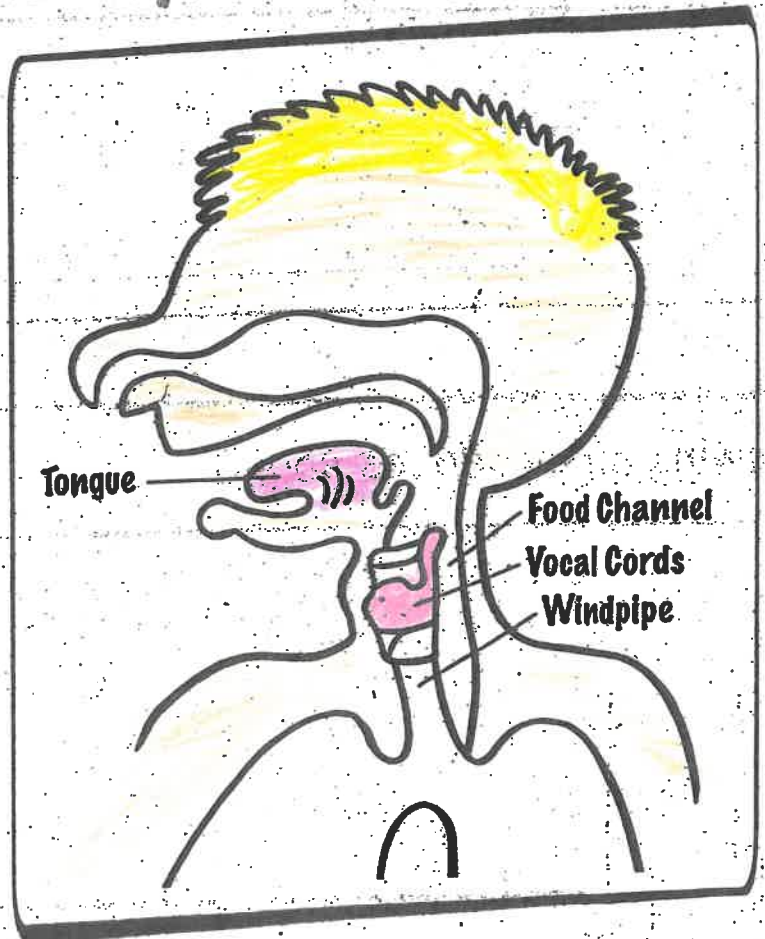
1. Touch your fingers lightly to your throat.
2. Say "ahhh" like at the dentist, or sing a song.



Using your senses, make observations.  
What happens?

Vibrations  
I felt my throat vibrate.

Humans make sounds using vibrations. The vocal cords in your throat vibrate when you say "ahhh". Color the picture and make the vocal cords pink.



Name: \_\_\_\_\_



# Sound Travels

## Worksheet

Echoes and Traveling Sound

Circle your answers.

1. What do you think is true?

a) Sound travels in all directions

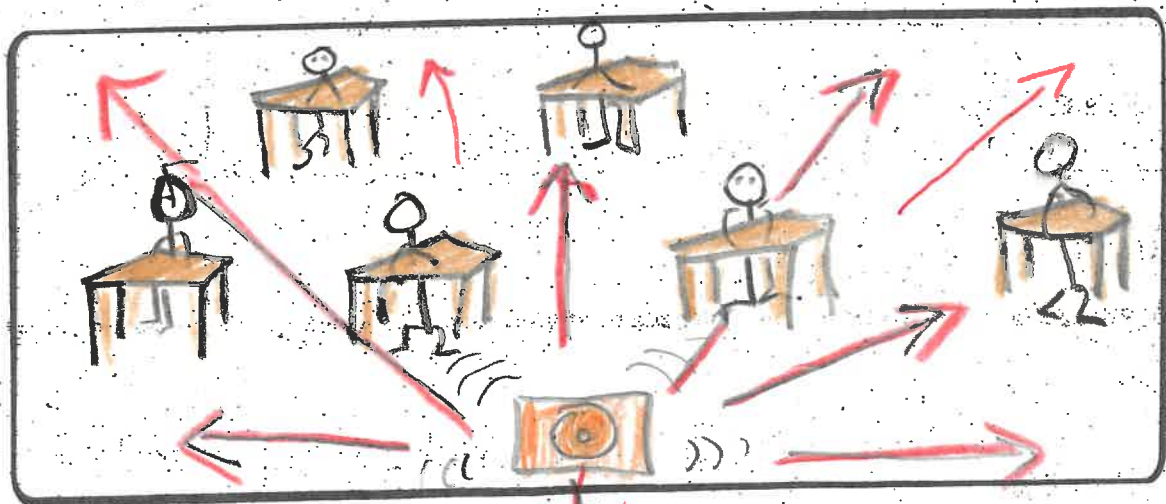
b) Sound travels in only one direction

2. Who could hear the radio?

a) Everyone in the classroom

b) Only some people

3. Draw a picture of the experiment:



4. Add arrows showing how the sounds traveled.

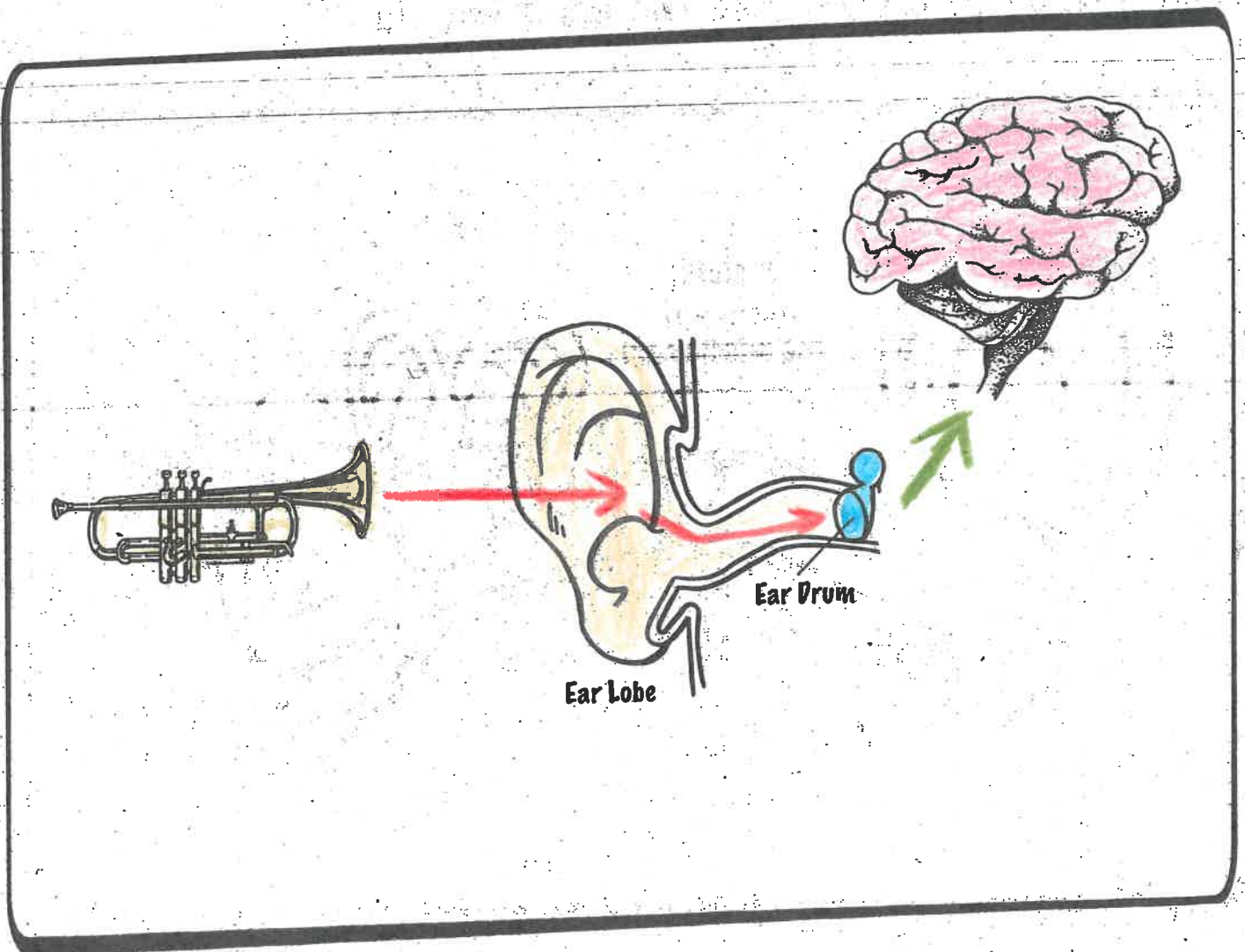


Name: \_\_\_\_\_

# How Do Humans Hear Sounds?

Inside each ear, we have an eardrum. When a sound hits the eardrum, it vibrates. This sends a message to our brain, and we know we heard a sound.

Sound travels from the horn to the eardrum. In the picture below, color the eardrum blue. Draw a red arrow from the horn to the eardrum. Color the brain pink. Draw a green arrow from the eardrum to the brain.



Name: \_\_\_\_\_



# Make An Ear

## Worksheet



What happened to the salt on the wax paper when you made a sound over the glass?

The salt bounced from  
the sound vibrations

The same thing happens in your ear.

The eardrum inside your ear vibrates when you hear sounds.

Color the picture and make the eardrum blue.

