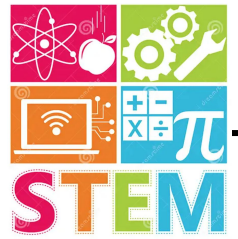


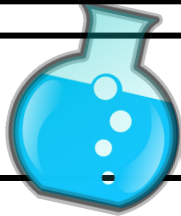
# SCIENCE Newsletter



**Week of :** March 10th to 14th, 2025

	4A,B,C,D,E Home Learning
Monday	Review Vocabulary for Forms of Energy
Tuesday	Complete the "Sound" worksheet page 1
Wednesday	Read the "Heat Conductors" passage and answers the questions pages 2 and 3
Thursday	Read the "Heat Conductors" passage and answers the questions pages 2 and 3
Friday	No Homework:)

## Vocabulary



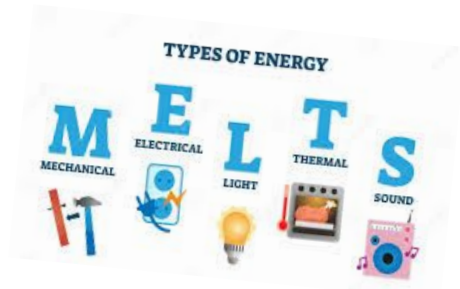
Topic 4 - Lessons 1-3  
Vocabulary Words /  
Quizlet



## Reminders



➤ Homework is due  
Friday 03/14



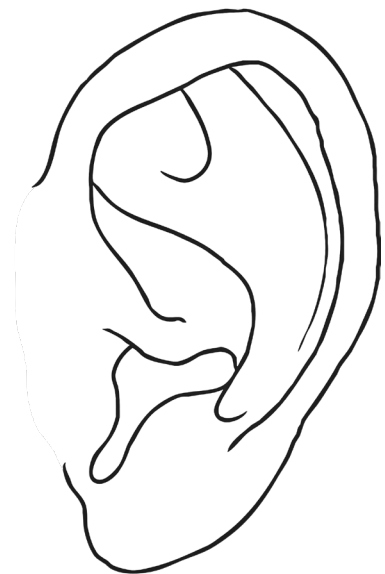
# Sound

The sentences below contain facts about sound. Fill in the blanks to complete the sentences. Use the words in the word bank at the bottom of the page to help you.

1. Sound is energy that is made from \_\_\_\_\_.
2. Sound travels through the air on \_\_\_\_\_.
3. \_\_\_\_\_ protects your ear.
4. \_\_\_\_\_ are the units which measure the loudness of sounds.
5. There is no sound in space because sound needs \_\_\_\_\_ to travel.
6. Light travels \_\_\_\_\_ than sound.
7. \_\_\_\_\_ has no sound. It is the wind blowing against an object that creates the sound.
8. Bats use \_\_\_\_\_ to navigate.
9. The eardrum, \_\_\_\_\_ and \_\_\_\_\_ are important parts of our ear that work to help us to hear.
10. \_\_\_\_\_ noises can damage your hearing.

## Word Bank

loud	wind	anvil	earwax
echolocation	faster	vibrations	hammer
decibels	air	sound waves	



## SC.4.P.11.2 Heat Conductors

SC.4.P.11.2: Identify common materials that conduct heat well or poorly.

Materials that allow energy to move quickly are called **conductors**. Materials that do not allow energy to pass through them are called **insulators**. Materials that allow energy to move through them but not well are called *resistors*.

Metal is a material that is a good conductor of heat. Pots and pans used for cooking are usually made of metal. The metal of the pot conducts heat well, and heats up the water inside, causing water to boil. To avoid burns, plastic handles are placed on the pot. Plastic is an insulator and does not move heat very well.

The stovetop itself uses a resistor. Electricity passes through the material that makes the burner. Because the burner is made from a resistor, electricity passes through it but the burner resists electricity, causing heat.

Metals are good conductors of heat. Water is also a very good conductor of heat.

Common materials that do not conduct heat well include cloth, wood, plastic, and rubber. Heating pads, used to protect hands when lifting hot pots and pans, are made of thick layers of cloth. Handles are often made of plastic. Rubber is used when something needs to be able to bend easily, or when something needs to be cushioned, such as a handle.

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

1. What is a conductor? \_\_\_\_\_

2. What is an insulator? \_\_\_\_\_

3. What is a resistor? \_\_\_\_\_

4. What are some materials that move heat (conduct) well? \_\_\_\_\_

\_\_\_\_\_

5. Using evidence from the text, describe one conductor, one insulator, and one resistor found when a pot of water is boiled on a stove: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. Conductors are materials that move heat well. Which of the following is not an example of a conductor?

- ☐ A. a steel pan
- ☐ B. an iron nail
- ☐ C. a copper wire
- ☐ D. a wooden pencil