

SAAVAS Topic 3 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Sound and Volume”, students learn about sound as a form of energy.

The experiences in this topic are:

- Experience 1: Sound
- Experience 2: Volume
- Experience 3: Uses of Sound

In Experience 1, students investigate how sound moves through matter. Then, in Experience 2, they explore why different levels of sound are used in different situations. Finally, in Experience 3, they learn how sounds can be used to communicate over a distance and then design and build a device to do so.

The main content TEKS covered in this topic are:

- 2.8A Demonstrate and explain that sound is made by vibrating matter and that vibrations can be caused by a variety of means, including sound.
- 2.8B Explain how different levels of sound are used in everyday life such as a whisper in a classroom or a fire alarm.
- 2.8C Design and build a device using tools and materials that uses sound to solve the problem of communicating over a distance.

And the main SEPs and Recurring Themes and Concepts TEKS are:

- 2.1G Develop and use models to represent phenomena, objects, and processes.
- 2.2D Evaluate a design or object using criteria to determine if it works as intended.
- 2.4B Identify scientists and engineers.
- 2.5C Describe the properties of objects in terms of relative quantity.
- 2.5E Identify forms of energy and properties of matter.

One of the best ways for students to check on their learning is to explain it to someone else. Ask your student about their class experiences, and ask them to explain the content that they are learning while at school in their own words or, if relevant, in their first language.