

SAVVAS Topic 3 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Energy”, students learn that energy is everywhere and can be observed in cycles, patterns, or systems. The experiences in this topic are:

- Experience 1: Energy in our World
- Experience 2: Mechanical Energy

First, in Experience 1, students identify forms of energy, including light, sound, thermal, and mechanical. They give everyday examples of each type of energy. Then, in Experience 2, students demonstrate how an object’s speed is related to its mechanical energy.

The main content TEKS covered in this topic are:

- 3.8A: Identify everyday examples of energy, including light, sound, thermal, and mechanical.
- 3.8B: Plan and conduct investigations that demonstrate how the speed of an object is related to its mechanical energy.

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

- 3.1A: Ask questions and define problems based on observations or information from text, phenomena, models, or investigations.
- 3.2B: Analyze data by identifying any significant features, patterns, or sources of error.
- 3.3C: Listen actively to others’ explanations to identify relevant evidence and engage respectfully in scientific discussion.
- 3.5A: Identify and use patterns to explain scientific phenomena or to design solutions.
- 3.5B: Identify and investigate cause and effect relationships to explain scientific phenomena or analyze problems.
- 3.5E: Investigate the flow of energy and cycling of matter through system.

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.