

SAAVAS Topic 2 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Force and Motion”, students learn about forces and motion. The experiences in this topic are:

- Experience 1: Patterns of Motion
- Experience 2: Forces

First, in Experience 1, students investigate and explain how equal and unequal forces acting on an object cause patterns of motion and transfer of energy. Then, in Experience 2, students investigate the effect of force on an object in a system.

The main content TEKS covered in this topic are:

- 5.7A: Investigate and explain how equal and unequal forces acting on an object cause patterns of motion and transfer of energy.
- 5.7B: Design a simple experimental investigation that tests the effect of force on an object in a system such as a car on a ramp or a balloon rocket on a string.

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

- 5.3B: Communicate explanations and solutions individually and collaboratively in a variety of settings and formats.
- 5.4A: Explain how scientific discoveries and innovative solutions to problems impact science and society.
- 5.5A: Identify and use patterns to explain scientific phenomena or to design solutions.
- 5.5B: Identify and investigate cause-and-effect relationships to explain scientific phenomena or analyze problems.
- 5.5G: Explain how factors or conditions impact stability and change in objects, organisms, and systems.

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.

: