

SAAVAS Topic 2 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Force and Motion”, students learn that forces are pushes or pulls that can make things move, change direction, or change the shape of things. The experiences in this topic are:

- Experience 1: Contact Forces
- Experience 2: Noncontact Forces

First, in Experience 1, students investigate forces that act on objects through direct contact. Then in Experience 2, they explore forces that act on an object at a distance.

The main content TEKS covered in this topic is:

- 4.7: Plan and conduct descriptive investigations to explore the patterns of forces such as gravity, friction, or magnetism in contact or at a distance on an object.

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

- 4.2B: Analyze data by identifying any significant features, patterns, or sources of error.
- 4.3A: Develop explanations and propose solutions supported by data and models.
- 4.5A: Identify and use patterns to explain scientific phenomena or to design solutions.
- 4.5B: Identify and investigate cause-and-effect relationships to explain scientific phenomena or analyze problems.

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.