

SAAVAS Topic 4 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Earth and Space”, students learn about Earth’s patterns. The experiences in this topic are:

- Experience 1: Seasons
- Experience 2: Moon Phases

First, in Experience 1, they investigate the seasons, explore how the tilt of Earth’s axis affects the seasons, and identify seasonal patterns such as changes in temperature and the amount of daylight. Then, in Experience 2, students observe and analyze the phases of the moon to recognize patterns.

The main content TEKS covered in this topic are:

- 4.9A: Collect and analyze data to identify sequences and predict patterns of change in seasons such as change in temperature and length of daylight.
- 4.9B: Collect and analyze data to identify sequences and predict patterns of change in the observable appearance of the Moon from Earth.

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

- 4.1A: Ask questions and define problems based on observations or information from text, phenomena, models, or investigations.
- 4.1G: Develop and use models to represent phenomena, objects, and processes or design a prototype for a solution to a problem.
- 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.
- 4.5C: Use scale, proportion, and quantity to describe, compare, or model different 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.