SAAVAS Topic 2 School to Home Letter

Dear Family Member or Caregiver,

In the Topic “Heat Causes Change”, students learn about how heat causes change.

The experiences in this topic are:

- Experience 1: Heat
- Experience 2: Reversible Changes
- Experience 3: Irreversible Changes

In Experience 1, students investigate and describe sources of heat and the applications of heat in everyday life. Then, in Experience 2, students describe how some changes caused by heat are reversible, such as melting and refreezing water. Finally,in Experience 3, students will describe how some changes caused by heat are irreversible, such as baking a cake.

The main content TEKS covered in this topic are:

- 1.8A Investigate and describe applications of heat in everyday life such as cooking food or using a clothes dryer.
- 1.8B Describe how some changes caused by heat may be reversed, such as melting butter and other changes cannot be reversed, such as cooking an egg or baking a cake.

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

- 1.1B Use scientific practices to plan and conduct simple descriptive investigations and use engineering practices to design solutions to problems.
- 1.1E Collect observations and measurement as evidence.
- 1.1F Record and organize data using pictures, numbers, words, symbols, and simple graphs.
- 1.5B Investigate and predict cause and effect relationships in science.
- 1.5E 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.

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