

Elementary Science: Unit-at-a-Glance

Grade Level: 2		Unit: Physical Science: Interactions
Unit Problem Scenario: Students will use concepts learned in this unit to plan how to set up a booth to sell iced tea. They will determine how to make the tea ingredients interact quickly and safely and how to keep the tea cool for a period of time.		
Lesson #	Essential Learning	Vocabulary
1	Introduction of the unit problem. Materials must interact in order to make and store iced tea.	<ul style="list-style-type: none"> • Iced tea • Ingredients • Materials • Interact • Insulator
2	An interaction takes place when a physical change (a change in size, shape, form, and appearance) takes place.	<ul style="list-style-type: none"> • Physical change • Interaction • Appearance • Observe • Solid • Liquid
3	Temperature affects interactions. Higher temperatures (heat) speed the rate of interactions	<ul style="list-style-type: none"> • Temperature • Fahrenheit • Degrees • Dunk • Warm water • Cold water
4	Different materials will accelerate or slow the melting of ice.	<ul style="list-style-type: none"> • Refrigerator • Melt • Decision • Investigation • Results • Interaction

5	An insulator is a material that keeps cool substances cool or keeps warm substances from losing heat.	<ul style="list-style-type: none"> • Thermos • Styrofoam • Insulator • Contest • Design • Materials
6	Various interactions are involved in making and storing iced tea.	