

Apr. 4, 2019

Day 4/136



At the end of today's lesson you will;

- *Why do things change temperature? What is happening when the air in the school gets warmer?*

Classwork-

- **Critical Juncture Thermal Energy 3.1**
- *Students begin Chapter 3 by reading "Thermal Energy Is NOT Temperature," an engaging text that builds on prior knowledge and observations that students may have made in the Sim related to how the total kinetic energy (thermal energy) of a thing is determined by both its temperature (average kinetic energy) and number of molecules.*
- *At the beginning of this lesson, students are presented with a comparison between two familiar things: a cup of very hot tea and a bathtub full of warm water.*
- *This comparison prepares students to read about how the number of molecules affects the total kinetic energy of a thing.*
- *This will prepare students to make comparisons between the small tank of warmer water used in the water heater system and the large tank of cooler water used in the groundwater system.*

Homework-

- *Complete all of the activities from today's Thermal Energy 3.1 lesson.*