

# THERMAL ENERGY UNIT

Mar. 5, 2020

Day 4/116



**At the end of today's lesson you will be able to determine;**

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

## **Classwork-**

- Thermal Energy 1.3
- Students are introduced to the particulate nature of matter. Students begin by exploring the Thermal Energy Simulation during the Warm-Up, and continue to use the Sim to model the hot and cold water from the hands-on investigation in the previous lesson.
- This Sim activity is meant to help students see how hot and cold things are different at the molecular scale. Finally, students learn more about what temperature is and how it is related to kinetic energy and molecular motion by reading "Absolute Zero" for homework.
- The purpose of this lesson is for students to understand the difference between hot and cool things at the molecular scale.

## **Homework-**

- Finish up all of the TE 1.3 activities, read "Absolute Zero".
- Review the new vocabulary terms we will use in this unit. Thermal Energy Quizlet.