

# THERMAL ENERGY UNIT

Mar. 4, 2020

Day 3/115



**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 1.2
- Students begin the unit with an introduction to their role as thermal scientists investigating how two types of heating systems will heat a school differently during the winter. To begin their research, students focus on the differences between the two heating systems.
- Students collect evidence by experimenting with food coloring in hot and cold water, and find that the food coloring disperses more quickly in warmer water.
- The purpose of this lesson is for students to begin to build an understanding that temperature is related to motion, a stepping stone to understanding temperature in terms of molecular motion.

## **Homework-**

- Finish up all of the TE 1.2 activities.
- Review the new vocabulary terms we will use in this unit. Thermal Energy Quizlet.