

# THERMAL ENERGY UNIT

Mar. 12, 2020

Day 1/121



**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 2.5
- Students use the concepts they have learned about the transfer of kinetic energy to address why relatively cool water can still warm a school during the winter. First, students answer the Investigation Question with the help of the Word Relationships routine.
- Then, students revisit the letter to the principal that launched the chapter, addressing the claim made in this letter by constructing a model that shows how warm water causes the air molecules inside the school to speed up.
- Finally, students use what they have learned so far in this unit to discuss which heater system they think will warm the school more.
- By the end of this lesson, students should be able to explain temperature change at the molecular level as a function of kinetic energy transfer..

## **Homework-**

- Finish up all of the TE 2.5 activities.
- Review the new vocabulary terms we will use in this unit.
- Thermal Energy Quizlet. QUIZ TOMORROW!