Thermal Energy Unit

Mar. 6, 2020 **Day 1/117**

At the end of todays 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 1.4
- This lesson provides students with multiple opportunities to apply what they have learned about the relationship between temperature and molecular motion. First, students revisit a passage from the homework article "Absolute Zero," using the text to formalize a new definition of the term temperature that includes the concept of the average speed of molecules.
- After a brief introduction to averages and how to calculate them, students create models that show how the air inside the school is different at the molecular level when it is warmer rather than cooler.
- Finally, students discuss the two heating systems, considering what they know and what they still need to learn in order to make an informed decision.
- The purpose of this lesson is for students to apply what they have learned during this chapter and demonstrate understanding of the relationship between temperature and molecular motion.

Homework-

- Finish up all of the TE 1.4 activities.
- Review the new vocabulary terms we will use in this unit.
- Thermal Energy Quizlet.