

THERMAL ENERGY

NEXT GENERATION SCIENCE STANDARDS

Mar. 25, 2019

Day 4/128



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-

- **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.*

Homework-

- *Complete all of the activities from today's Thermal Energy 1.3 lesson.*
- *Begin to review the vocabulary terms found in the Thermal Energy unit on QUIZLET.*