

**Apr. 5, 2019**

**Day 1/137**



**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-**

- **Critical Juncture Thermal Energy 3.2**
- Students begin to investigate how total kinetic energy (thermal energy) affects changes in temperature by rereading a section of "Thermal Energy Is NOT Temperature" and revisiting the Energy Cube Model from Chapter 2. By rereading a passage from the article, students find evidence that, when comparing things at the same temperature, things made up of more molecules have more thermal energy than things made up of fewer molecules. Then, students use the Energy Cube Model to visualize what will happen when two things with different temperatures and a different number of molecules come into contact. This activity helps students visualize the idea that kinetic energy spreads out among all the molecules of a system as it transfers, and that the equilibrium temperature of a system is determined by the total kinetic energy and number of molecules of each object in the system..

**Homework-**

- Complete all of the activities from today's Thermal Energy 3.2 lesson.