

Apr. 8, 2019

Day 2/138



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 3.3**
- *With the Sim, and by observing a teacher demonstration, students continue to construct the idea that total kinetic energy (thermal energy) and number of molecules are factors in determining the equilibrium temperature of a system. The use of the Sim in this lesson also serves to add detail to students' understanding of the conservation of energy, as they find that the transfer of kinetic energy between objects does not change the total energy of a closed system. Finally, students use the Sim to compare the two heating systems and discover that the groundwater system will transfer more kinetic energy to the air inside the school than the water heater system...*

Homework-

- *Complete all of the activities from today's Thermal Energy 3.3 lesson.*
- *End of unit Assessment this Friday.*