Introduction to Thermodynamics

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| ***Teacher:*** | Ms. Athwal | ***Date:*** | March 17 – March 21 | ***Course:*** | Chemistry | ***Grade:*** | 11 |
| ***CA Standard(s):***  7a *Students know* how to describe temperature and heat flow in terms of the motion of molecules (or atoms).  7b *Students know* chemical processes can either release (exothermic) or absorb (endothermic) thermal energy. | | | | | | | |
| ***Learning Objective (s):***  7.1 – I can describe how the motion of molecules relates to temperature. For example, if I have a hot solution and a cold solution, I can explain the motion in the molecules in each one of these solutions.  7.2 – I can compare and contrast the ideas of an exothermic reaction and an endothermic reaction. | | | | | | | |
| ***Essential Question(s):*** Why are flamin’ hot Cheetos so bad for me? | | | | | | | |
| **Assessment**:   * Literacy reading annotation * Unit 6 Exam reflection * Unit 6 exam test corrections * Exit Ticket | | | | | | | |
| ***Do Now***:   1. 1What does the Latin root exo- mean? 2. What does the Latin root endo- mean? | | | | | | | |

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| **WHOLE GROUP/ DIRECT INTRUCTION** |
| * Grade Unit 6 Exam * Endothermic vs. Exothermic lecture |

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| **SMALL GROUP STATION** |  | **COLLABORATIVE STATION** |  | **COMPUTER ASSISTED STATION** |
| Lab results discussion |  | [Exothermic/Endothermic inquiry based lab](../../Hot%20Cold%20Packs%20Activity.pdf) preformed at tables with lab group using CaCl2 and NH4NO3 |  | Edmodo Unit 6 exam reflection  Watch this video (don’t need to take notes): <http://www.youtube.com/watch?v=yvyHVA1Ww_M>  And then copy down and annotate 7.1 notes from google drive on Exothermic/Endothermic reaction |