

**Physics Bev Howe**

**Week 31 April 3 – April 7**

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|  | ***Monday*** | ***Tuesday*** | | | ***Wednesday*** | ***Thursday*** | ***Friday*** |  |  |
| ***Objective(S)***  *(wHAT DO i WANT sTUDENTS TO knOW/)* | Part 1: Thermal Energy Unit  To learn how heat and work are related to changes in thermal energy. | To learn how heat and work are related to changes in thermal energy. | | | To learn how heat and work are related to changes in thermal energy | To determine the calories in food | To determine the calories in food |  |  |
| ***InTRUCTIONAL mETHODS***  *(hOW AM i GOING TO inSTRUCT/)* | Notes Kinetic theory and thermal energy | Correct Thermal energy problems.  Introduce | | | Review Calorimetry  Finish Lab calculations after quiz | Introduction into Food Calorimetry Lab | Finish Food Calorie Lab |  |  |
| ***AsSESSMENT***  *How will I assess Learning* | Temperature conversions and specific heat problems | Set up lab activity relating the joule and calories.  Quiz Wednesday | | | Calorimetry Quiz | Lab report with calculations | Lab Report |  |  |
| ***CLOSURE*** | What is the relationship between the unit joule and calorie. | Lab report | | |  | Write a summary of which foods have greater calories per gram. |  |  |  |