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| Thermo Webquest – Follow Up Questions |
| **1** | Define the study of thermochemistry |
| **2** | What is the first law of Thermodynamics? |
| **3** | What is the difference between heat and temperature? |
| **4** | What are the three types of heat transfer? |
| **5** | Which type of heat transfer happens when you boil an egg? |
| **6** | What type of heat transfer does the sun use to heat the earth? |
| **7** | Convert the temperature -15 °C into K |
| **8** | What is the temperature of boiling and freezing water in °C and in K? |
| **9** | What is the difference between exothermic and endothermic change? |
| **10** | How are exothermic and endothermic changes used in sports? |
| **11** | Why are we keeping pressure constant for all the internal energy problems in this class? |
| **12** | Give an example of a fluid that you did not know was a fluid before today. Explain why it is a fluid |
| **13** | When you use an ice pack on a sore muscle, what is the exothermic reaction, and what is the endothermic reaction? |
| **14** | Explain how heat is transferred |
| **15** | What is wrong with this statement? “Would you like some ice to cool your drink down?” |
| **16** | Scientifically, how would you reword the statement in #15? |
| **17** | Can you think of another food besides popcorn that might use the three different heat transfers in cooking?  |

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