

Thermochemistry Webquest

Part 1 - Vocabulary		Use this index to help find the word you are looking for the definition of: https://tinyurl.com/ydfwthzs		
1	Kinetic Energy			
2	Potential Energy			
3	Endothermic			
4	Exothermic			
5	Activation Energy			
6	Heat of Reaction <i>(google this one)</i>			
7	Enthalpy			
8	Entropy			
9	Specific Heat			
Part 2 - Watch a Video		Watch the Video at the link below. Then answer the questions. https://tinyurl.com/ydbso336		
1	What does it mean to have thermoenergy			
2	What temperature would something need to be, in order to not have thermoenergy.			
3	What is the difference between potential and kinetic energy?			
4	What is thermodynamics?			
5	What is the equation for change of energy to a system?			
6	What is the difference between an exothermic and endothermic reaction?			
7	Do you think the ΔE for an exothermic reaction would be positive or negative?			
Part 3 - Specific Heat		Use the following link to answer the questions below: https://tinyurl.com/mo6v3fh		
1	Write the formula that can be used to calculate the heat energy being absorbed or released in a system			
2	Identify each variable by name	Q	m	C
3	Using the "Table" link at the bottom of the equation box, what solid substance has the highest specific heat?			