<u>Unit 6 – Thermodynamics and Statistical Physics</u>
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Honors Physics 1

DIRECTIONS: Consider the learning scale for the unit we are studying. Where is your current level of understanding and comprehension? Consider the Learning Goals and circle the icon next to the Learning Scale that best represents your confidence level.

LEVEL			How Confident I Am of My Progress.
4	Awesome! I understand more than Mr. Webber taught me and am ready to help others or take on my own individual projects.	SWBAT: Recognize concepts in everyday examples; teach the concepts.	
3	Yay! I know what Mr. Webber has asked me to learn!	SWBAT: Solve problems using heat flow, temperature and specific heat, solving for any variable.	I got it!
2	Hmm I understand the basics but am still working on understanding the harder stuff. I think I need some more practice.	SWBAT: Understand the mechanism of heat transfer; differentiate among the six states of matter in terms of energy, particle motion and phase transitions; list the Four Laws of Thermodynamics.	HELP WANTED I'm still thinking. got it!
1	Retrieval – With some help, I can do it.	SWBAT: Define the basic terms of heat, thermal energy, specific heat, conduction, convection and radiation; list the states of matter.	HELP WANTED I'm still thinking. got it!

Standards: SC.912.P.8.1; SC.912.P.8.12; SC.912.P.10.2; SC.912.P.10.4-5; SC.912.P.10.7; SC.912.P.10.14, MA.K12.MTR.1-7.1