

Unit Plan Template
Livingston County Schools
Science 7 Unit 4: Thermal Energy

Length of Unit: 4 Weeks

Ky Academic Standards	Critical Vocabulary	Text/Resources/Activity
06-PS1-4 07-PS3-3 07-PS3-4 07-PS3-5 07-PS3-6	<p style="text-align: center;">Temperature</p> <p style="text-align: center;">Thermal energy</p> <p style="text-align: center;">Conduction</p> <p style="text-align: center;">Convection</p> <p style="text-align: center;">Radiation</p> <p style="text-align: center;">Conductor</p> <p style="text-align: center;">Insulator</p> <p style="text-align: center;">Endothermic reaction</p> <p style="text-align: center;">Exothermic reaction</p> <p style="text-align: center;">Heat</p> <p style="text-align: center;">Chemical Reaction</p> <p style="text-align: center;">Compound</p> <p style="text-align: center;">Kinetic Energy</p> <p style="text-align: center;">Potential Energy</p>	<ul style="list-style-type: none"> ● NGSS standards ● Glencoe Science Level Green ● iScience textbook ● Hooks PPT (on teacher webpage) ● Kessler Stations ● Science Circuits ● I Have..You Have Game ● Kahoot ● Directed Reading/Content Mastery Worksheets ● Reinforcement Worksheets ● Enrichment Worksheets ● Note Taking Worksheets ● IXL Science ● Hooks Labs <ul style="list-style-type: none"> ○ Save the Penguin Project ○ Elephant Toothpaste ● The Heating Song ● Discovery Education: Exploring Heat: Basics of Physics ● Brainpop ● Exothermic & Endothermic Reactions ● Identifying Heat Transfer ● Insulators and

		Conductors WS
--	--	---------------