SCIENCE AGENDA February 25 - March 1st

Content Standard: **MS-PS1.4** Develop a model that predicts and describes changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.
MS-PS1-6 Undertake a design project to construct, test, and modify a device that either releases or absorbs thermal energy by chemical processes.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
Monday February 25th	**FOCUS QUESTION** How can you share your ideas with the Humane Society?	7.3 Staged and Iterative (Lesson 6) Slideshow • Students will present their data supporting that their dog crate design works. They will also explain how the thermal energy is removed from the crate.	**HW:** None Students will be able to explain how their dog crate is able to remove the thermal energy to keep a dog cool on a hot summer day.
Tuesday February 26th	**FOCUS QUESTION** How is the process you're undergoing with the dog crate similar to what the Wright Brothers did?	• Students will watch a video on the Wright Brothers and explain how their process was similar to the process of them building and testing their crate.	**HW:** None Students will be able to make comparisons between building and testing a dog crate to the Wright brothers process.
Wednesday February 27th	**FOCUS QUESTION** What do I need to study to be successful on the Thermal Energy TEST tomorrow?	• Students will review for their test on Thermal Energy by playing a game of Kahoot. **STUDY GUIDE** I can explain that energy flows from high to low. I can explain that something with more mass will have more thermal energy. I can draw a model showing the flow of energy in the system.	**HW:** None Students will be able to explain what they need to study for the test tomorrow.
Thursday February 28th	**FOCUS QUESTION** How am I progressing on the 7th grade science standards MS.PS1-4 and MS.PS1-6	• Students will take a test (Unit 7.3 Thermal Energy)	**HW:** None Students will be able to explain an important event in American history.
Friday March 1st	**FOCUS QUESTION** How can we construct and argument and create a presentation about our proposed solution?	• Students will Finalize their Dog Crate Conceptual Model **Gather:** Crate Model on paper, Team Blueprint, Crate Proposal, Crate Investigation Plan, Graphs of Trials	**HW:** None I can construct an argument and create a presentation about your proposed solution.