**JMS Lesson Plan**

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| **Teacher:** | Shelly Vincent | | **Subject:** | | Science | |
| **Date:** | **Beginning:** 4/23/2018**Ending:**  4/27/2018 | | **Grades:** | | 8th | |
| **Learning**  **Targets:** | How does energy cause change?  What happens when heat flows from one object to another? | | **Connects with:** | | **ELA** – CSET/CER | |
| **Standard(s):** | S8P2 (a,b,c,d) Obtain, evaluate and communicate information about the law of conservation of energy to develop arguments that energy can transform from on form to another within a system  S8P3 (a,b,c) Obtain, evaluate and communicate information about cause and effect relationships between force, mass, and the motion of objects. | | | | | |
| **DOK Level** | **Activities / Assignments / Questions** | | | **Assessment** | | |
| **­­**  **Key Terms/Ideas** | Thermal Energy, Heat and Temperature  Heat Transfer  Heat and Materials  Energy, Motion, Force and Work  Kinetic Energy and Potential Energy  Energy Change and Conservation | | |  | |  |
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| **2** | **Bell Ringer** – warm ups (GoFar)  **Vocabulary Review-** Scoot activities  **Key Concepts-**Scoot activities  **Study Guides** – Scavenger Hunts by chapters | | | Formative  Summative | | Selected Response -  Constructed Response –  Verbal  Rubric  Other |
| **3** | **Critical Thinking Review Questions**  **Small group –** tower review games and dice rolls | | | Formative  Summative | | Selected Response  Constructed Response –  Verbal  Rubric-  Other –  Other – |
| **4** | | **Essential Questions** – Written response using charts to gather data to support your claim (CER/CSET) rubric | | Formative  Summative | | Selected Response  Constructed Response -  Verbal  Rubric – CSET/CER  Other –  Other – |
| **Resources:** | Textbook – Physical Science (McDougal Littell)  CER/CSET  Go Far questions  Scoot Review  Tower game and dice | | | | | |