**JMS Lesson Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 systemS8P3 (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 TemperatureHeat TransferHeat and MaterialsEnergy, Motion, Force and WorkKinetic Energy and Potential EnergyEnergy Change and Conservation |  |   |
|  |  |  |  |
| **2** | **Bell Ringer** – warm ups (GoFar)**Vocabulary Review-** Scoot activities**Key Concepts-**Scoot activities**Study Guides** – Scavenger Hunts by chapters | [x]  Formative[ ]  Summative | [x] Selected Response - [ ] Constructed Response – [x] Verbal[ ] Rubric[ ] Other  |
| **3** | **Critical Thinking Review Questions****Small group –** tower review games and dice rolls | [x]  Formative[ ]  Summative | [x] Selected Response[x] Constructed Response –[x] Verbal[ ] Rubric- [ ] Other – [ ] Other –  |
| **4** | **Essential Questions** – Written response using charts to gather data to support your claim (CER/CSET) rubric | [ ]  Formative[x]  Summative | [ ] Selected Response[ ] Constructed Response -[ ] Verbal[x] Rubric – CSET/CER[ ] Other – [ ] Other – |
| **Resources:** | Textbook – Physical Science (McDougal Littell)CER/CSET Go Far questionsScoot ReviewTower game and dice |