

Energy Web Scavenger Hunt

Day 1	<p>Standard: 3.4.7.B, 4.2.7.B</p> <p>Objective: Explain how energy is transferred from one place to another through convection, conduction, and radiation.</p> <p>Lesson: Matter & Energy-- Creating background knowledge for upcoming web scavenger hunt</p> <ol style="list-style-type: none"> 1. Read pages E90-E99. 2. Complete Matter & Energy packet. <p>Assessment: Energy PPT and draft</p>
Days 2-3	<p>Standard: 3.4.7.B, 4.2.7.B</p> <p>Objective: Identify forms of energy. Identify sources of energy. Explain how energy is transferred from one place to another through convection, conduction, and radiation. Describe how one form of energy can be converted into a different form of energy.</p> <p>Lesson: Internet Scavenger Hunt</p> <ol style="list-style-type: none"> 1. Explain rules/assignment for using computer lab. 2. Hand out packets and go through packet page by page. Try to have example up on board. 3. Students will use pre-selected websites to answer questions in packet about energy. They will use this information to complete a PowerPoint on Energy. <p>Assessment: Energy PPT and draft</p>
Days 3-4	<p>Standard: 3.4.7.B, 4.2.7.B</p> <p>Objective: Identify forms of energy. Identify sources of energy. Explain how energy is transferred from one place to another through convection, conduction, and radiation. Describe how one form of energy can be converted into a different form of energy.</p> <p>Lesson: Internet Scavenger Hunt</p> <ol style="list-style-type: none"> 1. Students will take research and create ppt. 2. If necessary-students can complete reading & guided notes packet. 3. Hand out PPT template that will be used by all students. They will fill out their template using research done in computer lab. <p>Assessment: Energy PPT and draft</p>
Days 5-6	<p>Standard: 3.4.7.B, 4.2.7.B</p> <p>Objective: Identify forms of energy. Identify sources of energy. Explain how energy is transferred from one place to another through convection, conduction, and radiation. Describe how one form of energy can be converted into a different form of energy.</p> <p>Lesson: Internet Scavenger Hunt</p> <ol style="list-style-type: none"> 1. In Computer Lab 2. Typing PowerPoint using draft. 3. Review Rubric with class. <p>Assessment: Energy ppt and draft</p>
Days 7-9	<p>Standard: 3.4.7.B, 4.2.7.B</p> <p>Objective: Identify forms of energy. Identify sources of energy. Explain how energy is transferred from one place to another through convection, conduction, and radiation. Describe how one form of energy can be converted into a different form of energy.</p> <p>Lesson: Present PowerPoints</p> <ol style="list-style-type: none"> 1. Each student will take 5-10 minutes to present ppt explaining why they chose their pictures. <p>Assessment: PowerPoint & Draft will be graded</p>