



ENERGY CHOICE BOARD



DIRECTIONS:

You will need to choose two (2) activities from the vocabulary row and one (1) activity from the other three rows to complete. Each category is worth 25 points each and will be weighted as a project grade. Some class time will be given to work on projects, but you will also be required to complete work at home. You will need to bring your technology to class daily to have accessible for project work time. The due dates are shown:

<p>UNIT VOCABULARY</p>	<p>Create a crossword puzzle using all vocabulary terms and definitions. Must be done in ink and hand-written.</p>	<p>Create flash cards for each vocabulary term. Each card needs to include a definition and an illustration. You may color-code if that helps you.</p>	<p>Create a quizlet for all vocabulary terms and definitions. Play at least one game with the cards with 100% proficiency. Bring printed cards to turn in.</p>	<p>TWO ACTIVITIES from this area are due by 11-16</p>
<p>ENERGY SOURCES</p> <p><i>*EVERYONE MUST COMPLETE THE CHART AND BRING TO YOUR TEACHER BEFORE BEGINNING ANY CHOSEN ACTIVITY. Teacher _____</i></p>	<p>Create a PowerPoint presentation for the different energy sources. There must be 1 slide complete with illustration for each type of energy source.</p>	<p>Create a 12x18 poster that includes all 8 energy sources. The poster must be in color, no pencil, and have full-color illustrations.</p>	<p>STUDENT CHOICE If you have an idea how to present your mastery of this subject, present to your teacher for approval BEFORE BEGINNING.</p>	<p>ONE ACTIVITY from this area is due by 11-20</p>
<p>FORMS OF ENERGY AND TRANSFORMATIONS</p>	<p>Create a collage showing all of the forms of energy and at least 10 transformations. Use pictures from magazines. Each set of pictures must be labeled showing the original energy form and how the energy changes form.</p>	<p>Make a 12x18 poster illustrating all of the energy transformations that take place as sunlight is converted to usable energy within humans. Every transformation must be illustrated and labeled. Full color – no pencil.</p>	<p>STUDENT CHOICE If you have an idea how to present your mastery of this subject, present to your teacher for approval BEFORE BEGINNING.</p>	<p>ONE ACTIVITY from this area is due by 12-4</p>
<p>THERMAL ENERGY AND HEAT TRANSFER</p>	<p>Create a wallet with all three forms of thermal energy transfer (conduction, convection, and radiation). Each pocket in the wallet must have a card with the definition, and 8 cards with color illustrations and examples.</p>	<p>Go on an energy hunt in your house or our school. Draw a map (12x18) showing each room and the examples of heat transfer within each room. This must be done in color – no pencil.</p>	<p>STUDENT CHOICE If you have an idea how to present your mastery of this subject, present to your teacher for approval BEFORE BEGINNING.</p>	<p>ONE ACTIVITY from this area is due by 12-11</p>

