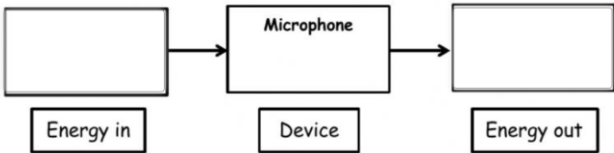
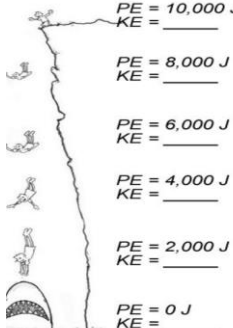
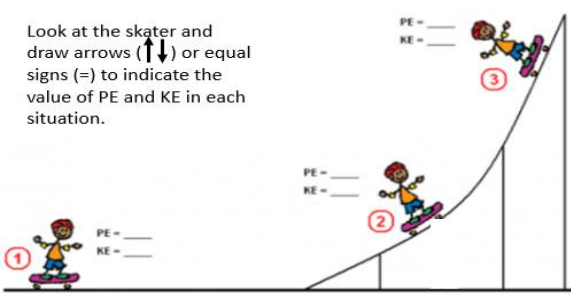


Physical Science Thanksgiving Recovery Menu

Directions: Students are preparing their own Thanksgiving Plate. Students must choose 1 Side, 1 Entrée, and 1 Dessert Assignment to complete a full Thanksgiving Plate. Please circle and complete your selections.

<p style="text-align: center;">SIDE- Macaroni & Cheese</p> <p style="text-align: center;">POTENTIAL AND KINETIC ENERGY</p> <p style="text-align: center;">Student will create a VENN DIAGRAM comparing and contrasting Potential and Kinetic Energy.</p> <p style="text-align: center;">Venn Diagram must have 3 facts in each side and at least 2 similarities.</p>	<p style="text-align: center;">SIDE- Candied Yams</p> <p style="text-align: center;">ENERGY TRANSFORMATIONS</p> <p style="text-align: center;">Student will draw and label a picture diagram of an energy transformation with at least 3 energy transformations.</p>	<p style="text-align: center;">SIDE- Dressing</p> <p style="text-align: center;">LAW OF CONSERVATION OF ENERGY</p> <p style="text-align: center;">Student will write one paragraph about the law of conservation of energy and include at least one example that illustrates the law. Student will make sure to include the following vocabulary and underline it in their paragraph: system, created, and destroyed.</p>
<p style="text-align: center;">ENTRÉE- Turkey</p> <p style="text-align: center;">ENERGY TRANSFORMATIONS</p> <div style="text-align: center;">  <pre> graph LR A[Energy in] --> B[Microphone] B --> C[Energy out] </pre> </div>	<p style="text-align: center;">ENTRÉE- Ham</p> <p style="text-align: center;">LAW OF CONSERVATION OF ENERGY</p> <div style="text-align: center;">  <p>PE = 10,000 J KE = _____</p> <p>PE = 8,000 J KE = _____</p> <p>PE = 6,000 J KE = _____</p> <p>PE = 4,000 J KE = _____</p> <p>PE = 2,000 J KE = _____</p> <p>PE = 0 J KE = _____</p> </div>	<p style="text-align: center;">ENTRÉE- Fried Chicken</p> <p style="text-align: center;">POTENTIAL AND KINETIC ENERGY</p> <p style="text-align: center;">Look at the skater and draw arrows (↑↓) or equal signs (=) to indicate the value of PE and KE in each situation.</p> <div style="text-align: center;">  <p>PE = _____ KE = _____</p> <p>PE = _____ KE = _____</p> <p>PE = _____ KE = _____</p> </div>
<p style="text-align: center;">DESSERT- Banana Pudding</p> <p style="text-align: center;">LAW OF CONSERVATION OF ENERGY</p> <p style="text-align: center;">Create a kid friendly (elementary school) flyer or poster that explains the law of conservation of energy. Include pictures, examples, and colors.</p>	<p style="text-align: center;">DESSERT- Sweet Potato Pie</p> <p style="text-align: center;">POTENTIAL AND KINETIC ENERGY</p> <p style="text-align: center;">Draw or build a model demonstrating how a roller coaster utilizes potential and kinetic energy (You may use the computer or website to help). Include the points at which potential and kinetic energy are greatest/ least as well as the role friction plays in the process.</p>	<p style="text-align: center;">DESSERT- Red Velvet Cake</p> <p style="text-align: center;">ENERGY TRANSFORMATIONS</p> <p style="text-align: center;">Create a song, poem, rap or children's book explaining the various forms of energy and how energy transfers from one form to another.</p>