

Lesson 4: Lesson Questions: (1) What causes the potential energy within a system to change?
 (2) How does the location of an electric generator affect its ability to capture energy from its surroundings?

<p>A. What activity did we do?</p>	<p>pendulum activity & splat-o-matic activity</p>
<p>B. What evidence did we gather?</p>	<ul style="list-style-type: none"> • the greater the PE, the greater the outcome • the greater the height, the greater the PE.
<p>C. My answer to the lesson question:</p>	<p>1.) PE depends on the relative height of an object. The higher the object, the more PE. 2.) Electric generator should be at the bottom of the waterfall in order to spin the fastest moving water.</p>
<p>D. Connecting my ideas to the Unit Challenge:</p>	<p>The water wheel should go at the bottom so that it can generate the most electricity.</p>