

Lesson 6: Lesson Question: How does energy change as it is transferred within and between systems?

<p>A. What activity did we do?</p> <p>1. Constructed a windmill          2. Created a windmill system model</p>	<p>B. What evidence did we gather?</p> <p>As the wind moved faster, it took less time for the windmill to wind up the cup. — due to more KE. Not all of the KE was transferred to the windmill from the wind.</p>	<p>C. My answer to the lesson question:</p> <p>1. Energy transfers can happen w/in the same form of a system.          2. Energy transfers can happen b/w different energy forms.          3. Not all energy transfers are complete, some energy leaves the system.</p>	<p>D. Connecting my ideas to the Unit Challenge:</p> <p>Wind generators have more KE &amp; can produce more electricity when wind speeds are high/faster. This helps us decide where to place our windmill generator.</p>
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