

Lesson 7: Lesson Question: What happens to energy when it appears to "disappear" in a system?

A. What activity did we do?	identify energy forms & transformations on a skate park system simulation.
B. What evidence did we gather?	<ul style="list-style-type: none">• observed how bars (types of energy) change over time• compared what happens to energy transformations with and without friction.
C. My answer to the lesson question:	Energy can <u>never</u> "disappear" in a system. <ul style="list-style-type: none">- Energy can transfer between objects- Energy can transform from one type of energy to another
D. Connecting my ideas to the Unit Challenge:	None in this lesson <ul style="list-style-type: none">- This information is useful when we try to explain how KE transforms in electrical energy in our electric generator

Transformation (of energy): the change of energy from one form to another.

Law of conservation of Energy: energy cannot be created nor destroyed; it can be transformed or transferred.