

Charting Energy Transformations

Name _____

Instructions: In each box, chart how energy is transformed from step to step as it causes change or does work. Each example should begin with a type of potential energy. Show the energy type and the item using the energy as it transforms and progresses to each step. An example is done for you.

Example: Watching TV

Potential energy = Electrical Potential Energy



1) Skateboarding down a hill

Potential energy = _____

2) Riding in a car to school

Potential energy = _____

3) Using a hairdryer

Potential energy = _____

4) Eating pizza for lunch at school

Potential energy = _____

5) The hydropower plant on the Colorado River in Glenwood Canyon

Potential energy = _____

Draw a picture of the steps in your chart/diagram: