I can provide examples to explain how forms of energy (motion, sound, heat, and/or light) can be transformed to thermal energy.

W: As the video plays, LIST all the types of energy that are present.

<http://multimedia.mcb.harvard.edu/anim_rhino.html> List all the types energy present in the Rhino as it falls.

**On top: Falling: Landing:**

Types of Energy:

**Potential energy: Stored Energy Kinetic Energy: Energy of motion**

Types of Potential Energy: Types of Kinetic Energy:

Energy Transformations: Energy can convert from one type to another. Energy can’t be created or destroyed.

What is the sequence of energy transformations? Fill in the Sequence

Powering and using a cell Phone

Electrical Energy

Heat Energy

Chemical Energy

(Stored in battery)

Heat Energy

Motion Energy

(Vibration)

Heat Energy

Heat Energy

Electrical Energy

(Computer Processing)

Sound Energy

Heat Energy

Light Energy

Heat Energy

Describe the most important trend you notice about the flow of energy.