Jigsaw Activity - Examples of Energy Systems

1. Form groups of 2.
2. In your groups you will use your understanding from the pendulum simulation, explaining how energy is transformed and conserved in a swinging pendulum. For the provided examples,
    - you will need to identify the input, converter, and output
    - provide an example of energy transformation
    - determine if the energy was lost, dissipated, or fully recovered.
3. Come back to the large group and share your responses to the whole group.
4. While discussing the answers, you may come up with other possible answers. Share these with the class.

Examples of Energy Systems

1. A flashlight
2. Riding a bicycle
3. Bluetooth speaker playing music
4. Bouncing a basketball
5. Solar powered calculator

Example	Input	Converter	Output	Example of energy transformation	Lost/dissipated/fully recovered
A flashlight					
Riding a bicycle					
Bluetooth speaker playing music					
Bouncing a basketball					
Solar powered calculator					