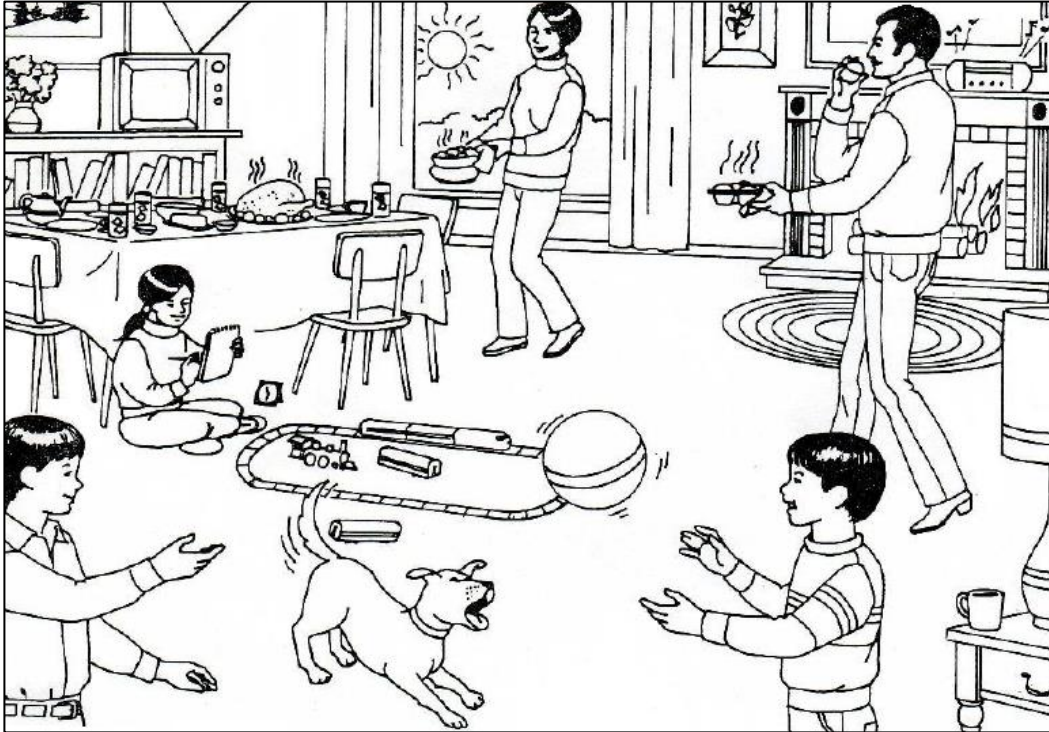


Energy Transformations

Name _____ Date _____ Period _____



1. Identify at least 3 examples of the following forms of energy in the diagram:

Heat _____

Light _____

Mechanical _____

Electrical _____

Sound _____

Chemical _____

2. Identify at least 3 examples of Potential energy and 3 examples of Kinetic energy in the diagram above. _____

3. Select three energy transformations to describe. Include a description of the event and the energy transformations that occur. For example: the fire in the fireplace; chemical energy in the wood is converted to thermal energy and radiant energy [you cannot use this example]

Example 1: _____

Example 2: _____

Example 3: _____

4. Explain the Law of Conservation of Energy using the diagram above. _____