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| **Energy Transformation** |
| **What is Energy?** | **What is the “Law of Conservation of energy?”** |

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| **Describe the type of energy below** |
| Potential Energy (stored energy) | Kinetic energy (in motion) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chemical | Nuclear | Elastic | Gravitational | Mechanical | Electrical | Thermal | Radiant | Sound |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_

**Energy Transformation Worksheet**

**Instructions: Write the energy conversion that takes place at the pictures below.**

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|  | 1. **Windmill**

Energy Transformation: |
|  | 1. **Turning a flashlight on**

Energy Transformation: |
|  | 1. **Heating food on a microwave oven**

Energy Transformation: |
| Related image | 1. **Lightning a match**

Energy Transformation: |
|  | 1. **Eating and exercising**

Energy Transformation: |
|  | 1. **cooking**

Energy Transformation: |
| Image result for nuclear electricity generation cartoon | 1. **Power plant**

Energy Transformation: |



