**Heat Energy Vocabulary-pg. 16R**

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| **WORD** | **DEFINITION** | **PICTURE OR SYMBOL** |
| **Potential Energy** | **Stored energy- rest energy** |  |
| **Kinetic Energy** | **The energy of motion** |  |
| **Law of the Conservation of Matter** | **Matter can neither be created nor destroyed- it always exists in some form-or can change form** |  |
| **Kinetic Theory of Matter**  **Friction** | **A theory stating that all matter is made of particles in motion.**  **Resistance to motion that produces heat.** |  |
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