***Notes- Forms of Energy***

All energy falls into two categories:

1. **Chemical**
2. **Nuclear**
3. **Gravitational**
4. **Radiant**
5. **Electrical**
6. **Mechanical**

* **Potential**: \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ and energy of \_\_\_\_\_\_\_\_\_\_\_\_.
* **Kinetic**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of waves, electrons, atoms, molecules and substances.

|  |  |
| --- | --- |
| **POTENTIAL** | **KINETIC** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_ Energy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Energy |

* Energy stored in the \_\_\_\_\_\_\_\_\_\_ of atoms and molecules.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Energy stored in the \_\_\_\_\_\_\_\_\_\_\_\_\_ of an atom. The energy that holds the nucleus together.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Energy of place or \_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_=more gravitational energy.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy that travels in \_\_\_\_\_\_\_\_\_\_\_ like \_\_\_\_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Movement of \_\_\_\_\_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* The\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a substance from one place to another. Energy of \_\_\_\_\_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
|  |  |
| Horizon O |  |
| Horizon A |  |
| Horizon B |  |
| Horizon C |  |
| Horizon R (Bedrock) |  |

* Movement of \_\_\_\_\_\_\_\_\_\_\_\_ through substances in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Internal energy of an object due to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy of its atoms and/or molecules.
* \_\_\_\_\_\_\_\_.

Examples: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7. Sound**

**8. Thermal**