***Notes- Potential & Kinetic Energy***

What is Energy?

Two Types of Energy

1. Kinetic Energy

2. Potential Energy

Kinetic Vs. Potential Energy

* Energy is the ability to do \_\_\_\_\_\_\_\_.
  + - Work is done when a \_\_\_\_\_\_\_\_\_\_ causes something to move.
* The energy of a \_\_\_\_\_\_\_\_\_\_\_\_ object due to its motion.
  + - Objects with more \_\_\_\_\_\_\_\_ and/or speed have more kinetic \_\_\_\_\_\_\_\_\_\_\_\_.

**Examples of Kinetic Energy**

* The \_\_\_\_\_\_\_\_\_\_\_\_ energy of an object due to its position.
* Gravitational Potential Energy (GPE) – any object that can \_\_\_\_\_\_\_\_\_ has GPE.
* \_\_\_\_\_\_\_\_\_\_\_\_ objects have more GPE because they can fall further.
* Objects with more \_\_\_\_\_\_\_\_ have higher GPE

**Examples of Potential Energy**

* Kinetic energy can be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to potential energy and then back again depending on the object’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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