**THOMPSON’s ENERGY NOTES**

****Use Discovery education to help complete the following boxes.

1. Click “***Science techbook***”

(this link can be found under **My DE** tab)

1. Click on “**ENERGY**” unit
2. Then explore “**Kinetic Energy**” *and* “**Potential Energy**” concepts tabs (EXPLORE ALL 5 E’s tabs – be sure to complete virtual labs and explorations, as well as watch video clips to help with content).

|  |  |  |
| --- | --- | --- |
| What is energy? | | |
| **KINETIC ENERGY** | | |
| What is kinetic energy? | | |
| **LIGHT/RADIANT** *(describe & draw an example of)* | **SOUND** *(describe & draw an example of)* | |
| **HEAT/THERMAL** *(describe & draw an example of)* | **ELECTRICAL** *(describe & draw an example of)* | |
| **POTENTIAL ENERGY** | | |
| What is potential energy? | | |
| **GRAVITATIONAL** *(describe & draw an example of)* | | **ELASTIC** *(describe & draw an example of)* |
| **CHEMICAL** *(describe & draw an example of)* | | **ELECTRICAL** *(describe & draw an example of)* |
| **NUCLEAR** *(describe & draw an example of)* | |  |

**ANALYZE:**

1. How does kinetic energy turn into potential energy?
2. How does potential energy turn into kinetic energy?
3. What is the difference between kinetic energy and potential energy?