OPTIONAL REVIEW GUIDE FOR FORMS OF ENERGY QUIZ: Use your study guide, your foldable and/or the powerpoint notes shared with you in google classroom to complete the following:

1. What is energy? Define and explain.
   1. Define:
   2. Explain:
2. What are the two main categories under which we can sort all forms of energy?

**Define each of the following and give one specific example of each:**

1. Kinetic Energy
   1. Definition
   2. Example
2. Potential Energy
   1. Definition
   2. Example
3. Electrical Energy
   1. Definition
   2. Example
4. Chemical Energy
   1. Definition
   2. Example
5. Nuclear Energy
   1. Definition
   2. Example
6. Thermal Energy
   1. Definition
   2. Example
7. Stored Mechanical
   1. Definition
   2. Example
8. Gravitational Potential Energy
   1. Definition
   2. Example
9. Motion Energy
   1. Definition
   2. Example
10. Sound Energy
    1. Definition
    2. Example

**Sort the above energy forms into the proper category below. Write each form of energy in a box under the category to which they belong. There will be one box left open.**

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| FORMS OF POTENTIAL ENERGY | FORMS OF KINETIC ENERGY |
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1. Write the Law of Conservation of Energy: