

ENERGY VOCABULARY # 1

DIRECTIONS: DEFINE EACH WORD AND GIVE AN EXAMPLE FROM THE BOOK **OR** draw a **COLOR** picture.

1. **ENERGY:** The ability to do work or move matter
2. **KINETIC ENERGY:** Energy of motion. **$KE=1/2mv^2$**
3. **POTENTIAL ENERGY:** Stored energy (that has the ability to do work).
4. **GRAVITATION POTENTIAL ENERGY:** Stored energy due to gravity and an objects position above the ground.
 $PE=mgh$
5. **CONVERSION (OF ENERGY):** To change from one form of energy to another without energy being lost or destroyed.
6. **LAW OF CONSERVATION OF ENERGY:** Energy can **NOT** be created nor destroyed.

