

You will create an energy flip book to help you remember the 10 main types of energy. You will need:

- A. Five sheets of notebook paper folded horizontally and stapled like a booklet.
- B. On the front of your flip book, place the title, “Types of Energy” and write the definition of energy two lines below it. **Energy** is the ability to do work.
- C. Copy down each of the following definitions on a separate page of your flip book:
 - a. **kinetic energy** (KE) – the energy of motion
 - b. **potential energy** (PE) – the energy of position
 - c. **chemical energy** (CE) – energy stored in the bonds of atoms and molecules, and food
 - d. **mechanical energy** (ME) – energy of motion and position (KE + PE)
 - e. **nuclear energy** (NE) – energy stored in the nucleus of an atom.
 - f. **gravitational energy** (GPE) – energy of position or place that is affected by gravity
 - g. **electrical energy** (EE) – energy produced by moving electrons
 - h. **light/radiant energy** (LE or RE) – the electromagnetic (E.M.) energy that travels in transverse waves
 - i. **thermal energy** (TE) – heat energy located inside an object.
 - j. **sound energy** (SE) – the movement of energy through substances in longitudinal waves
- D. Draw a picture for each type of energy.