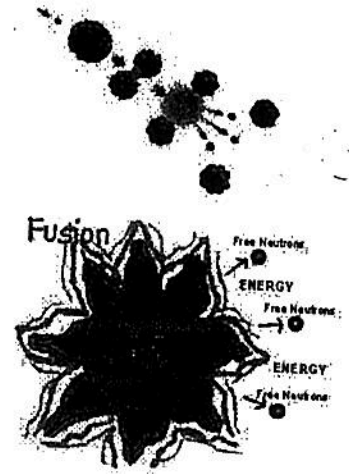


Nuclear Energy

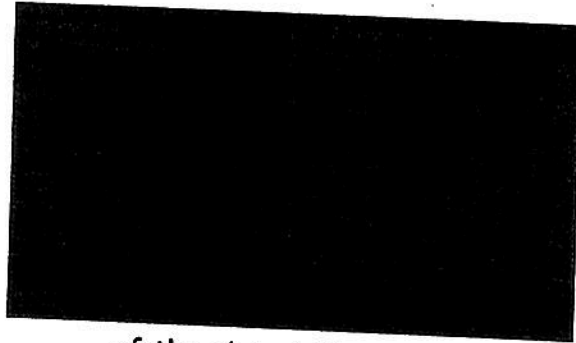
FORMS OF ENERGY NOTES

- A type of potential energy stored in the nucleus of an atom.
- Nuclear fission: Nucleus Splits. Occur in power plants to produce electricity.
- Nuclear fusion: Nuclei of Atoms join together. Occur in the sun.

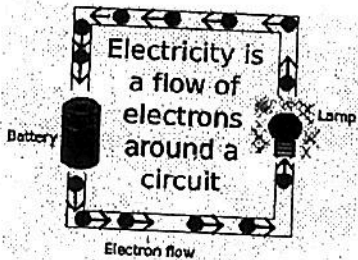


Thermal Energy - heat energy

- The total kinetic and potential energy of the particles in an object.
- The higher the



temperature of the object the more thermal energy an object has.

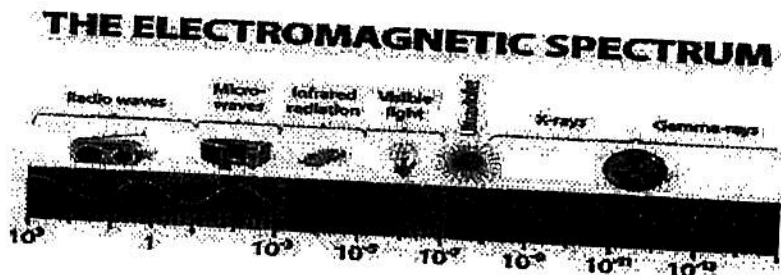


Electrical Energy

- The energy of electrical charges
- You rely on electrical energy from batteries or electrical lines to run electronic devices.

Electromagnetic Energy

- Energy that travels through space in waves.
- Can travel through empty space and a vacuum.



Chemical Energy



- Potential Energy Stored in Chemical Bonds
 - Bonds are broken during chemical changes and reactions
- ex: in foods you eat, when objects are burned (chemically changed) and in the cells in your body.