Energy Transfer

- NOS 15

Energy

- Energy transfers from one place to another and from one form to another
- Ex. Electrical energy transfers to a light bulb and changes into light energy and heat energy

Heat

- Energy that flows from an object of higher temperature to an object with a lower temperature
- Transferred by
  - Conduction
  - Convection
  - Radiation

Radiation

- Is energy that is transferred in the form of rays or waves
  - Ex. Sun
  - X-rays
  - Gamma rays
  - Radio waves

Conduction

- The transfer of energy that occurs when molecules bump into one another.

Convection

- Energy transferred by the flow of material