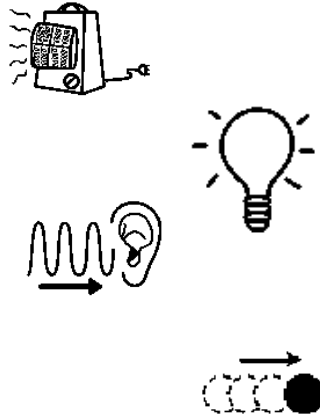
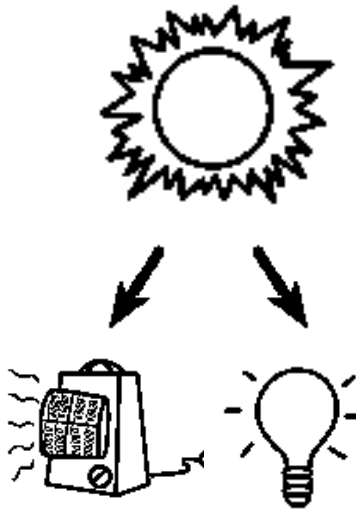


# Energy



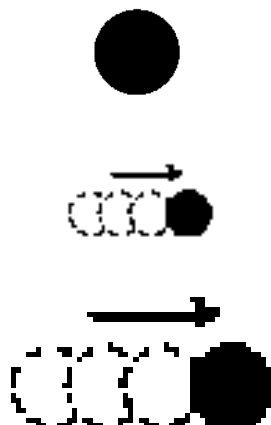
- Ability to do work
- Makes things move/change
- Eg.
  - Heat
  - Light
  - Sound
  - Motion

# Sun Energy



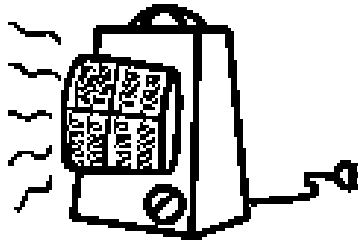
- Heat
  - Seasons
  - Weather
  - Wind Energy
- Light
  - Day/Night
  - Solar Energy
  - Plant Energy

# Inertia



- Things at rest stay at rest
- Things in motion stay in motion
- Bigger mass has bigger inertia

## Heat



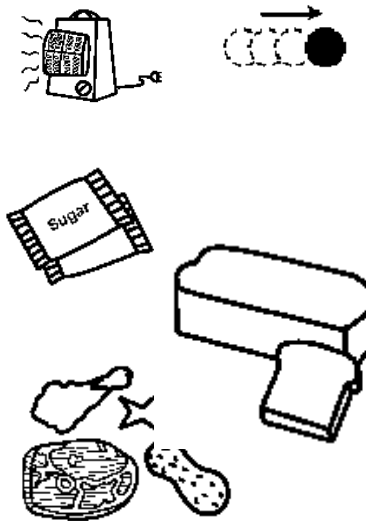
- Form of energy
- Makes things feel warm/hot

## Light



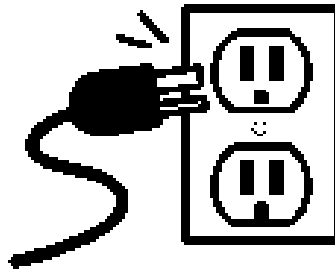
- Form of energy
- Energy that lets you see

## Food



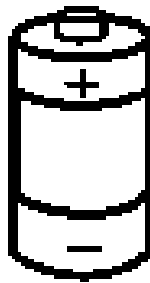
- Source of energy
- Carbohydrates
  - Sugar
  - Starches
  - Proteins

## Electricity



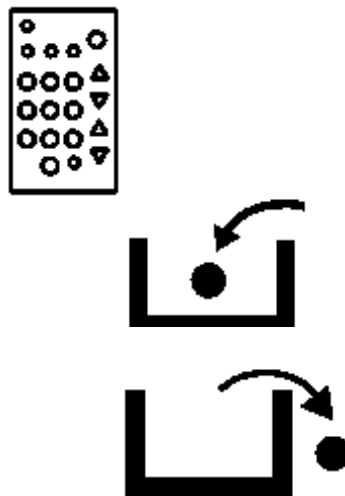
- Form of energy
- Can make light, heat and make machines work
- Electrons flow from (-) charge to (+) charge

## Battery



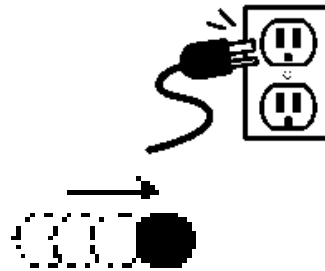
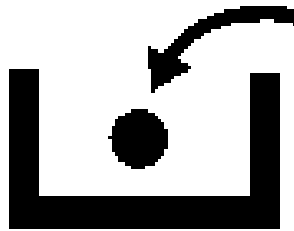
- Stores electricity
- Makes things work

## Control



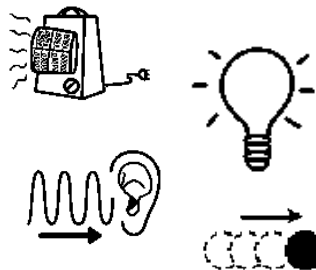
- Way something is regulated
- Input (put in)  
e.g.: energy, material
- Output (result)  
e.g.: heat, light, movement

## Input



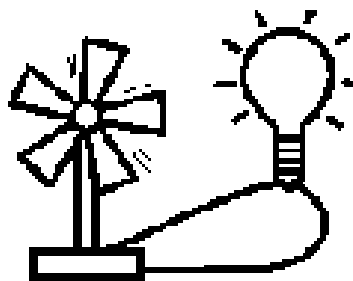
- What goes in
- E.g. motion, electricity

## Output



- What comes out
- What is produced
- The result  
E.g. light, heat, sound, motion

## Electric circuit



- The path electricity follows