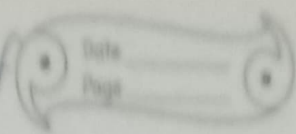


11/11/22  
Make a list of different forms of energy and write use of each.



## Energy

### \* Mechanical Energy:

- There are two types of Mechanical Energy: Kinetic or Potential.

#### i) Kinetic energy:

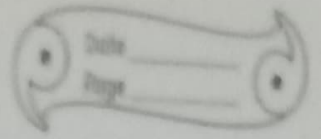
##### Uses:

- A moving car possess mechanical energy due to its motion (Kinetic energy)

#### ii) Potential mechanical energy:

##### Uses:

- A drawn bow possess mechanical energy due to its stretched position (Potential energy)



## \* Solar energy

Solar energy is the most readily available source of the energy.

### uses:

- Solar panels absorb sunlight and absorb light from the sun and provide us electricity.

## \* Geothermal energy

Geothermal energy is heat from the Earth.

### uses:

- We can use the steam and hot water produced inside the Earth to heat up buildings.

## \* Wind energy

Wind energy is plentiful, renewable, widely distributed.

### uses

- Windmills use wind energy to produce electricity.

## \* Hydropower:

- One of the renewable energy sources that generate electricity.

### USES:

- The turbines in the dam connected to a generator uses Hydropower to generate electricity.

## \* Heat energy:

- We use it for a lot of things like ~~to~~ cooking.

### USES:

- We use heat energy for cooking, warming our house during winter.

## \* Light energy:

- Light is nature's way of transferring energy through space.

### USES:

- A lit lightbulb possesses Light energy.

\* Sound energy

Sound is a vibration transmitted through a solid, liquid or gas.

Uses:

- sound energy comes from musical instruments.

\* Electrical energy:

Electrical energy is the movement of electrical energy.

Uses:

- Washing machines, computers use electrical energy.