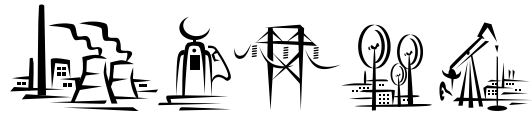




Energy Notes



Energy - _____

If an object or organism does work (exerts a force over a distance to move an object) the object or organism uses energy.

All forms of energy can be in either of two states:

Kinetic _____

Potential _____

Kinetic Energy

The faster an object moves, _____

The greater the mass of a moving object, _____

Potential Energy

Stored chemically in _____, the nucleus of _____, and in _____.

Or stored because of the _____:

Stretching _____ .

Pulling _____ .

Gravitational potential energy is _____

The main forms of energy are :

Chemical : _____

And when bonds are broken, energy is released.

Nuclear _____

Fission : _____

Fusion : _____ .

Thermal/Heat : _____

Causes changes in temperature and phase of any form of matter.

Mechanical : _____

When work is done to an object, the energy it gets is mechanical energy.

Electromagnetic : _____

Examples X-rays, radio waves, and laser light and visible light

Sound : _____

Sound is produce when an substance vibrates

Electrical : _____