

So far in energy we have discussed:

Types of Energy:

- ✓ Thermal
- ✓ Kinetic
- ✓ Gravitational Potential
- ✓ Chemical
- ✓ Sound
- ✓ Light
- ✓ Nuclear
- ✓ electricity

$$KE = \frac{1}{2} m v^2$$

(m) mass
(v) velocity (speed)

$$gpe = m h$$

(m) mass
(h) height

Newton's Section
Universal Law of Gravity
LAW'S of Motion

LAW of Conservation of energy

What is energy?

- ability to do work

work = Force x distance

if something has moved through some distance, work has been done

- ability to cause change

Energy chains: trace energy transfer and transformations

Law of ...
Conservation of energy
energy cannot be
created or destroyed
It can only be transferred
or transformed.

