

Chemical energy:

It is the energy released when a chemical reaction takes place, this type of energy is stored in the batteries of the cars, food and gasoline etc.

Law of conservation of Energy:

Energy can neither be created nor be destroyed but it changes its form from one to another.

For example,

If a car is stationary (not moving) and then starts accelerating on a straight road, so we know that when the car was not moving it had chemical energy in the battery and when it started to move the chemical energy was converted into kinetic energy and heat energy.