

## **ENERGY**

THE ABILITY TO CAUSE CHANGE

## **KINETIC ENERGY**

ENERGY DUE TO MOTION

## **POTENTIAL ENERGY**

STORED ENERGY DUE TO THE  
INTERACTIONS BETWEEN OBJECTS OR  
PARTICLES

## **MECHANICAL ENERGY**

THE SUM OF THE POTENTIAL ENERGY  
AND THE KINETIC ENERGY IN A SYSTEM

## LAW OF CONSERVATION OF ENERGY

LAW THAT STATES THAT ENERGY CAN BE TRANSFORMED FROM ONE FORM TO ANOTHER, BUT IT CANNOT BE CREATED OR DESTROYED

## ENERGY CONVERSION

THE PRINCIPLE BY WHICH THE TOTAL ENERGY REMAINS CONSTANT IN A SYSTEM THAT IS NOT SUBJECT TO EXTERNAL INFLUENCE