

# What is energy in physics class 9

What is the SI unit of work?

Newton metre (Nm) or Joule (J)

Define potential energy ?

The object's potential energy is the energy present in it as a result of its location or configuration.

What are the various forms of energy as in NCERT chapter 11 class 9?

Energy can exist in the form of mechanical energy (potential energy + kinetic energy), heat energy, sound energy, chemical energy, and light energy.

What is power?

Power is defined as the rate of doing work or the rate of transfer of energy.  $\text{Power} = \frac{\text{work}}{\text{time}} = Fv$ , where F is the force and v is the velocity

Heat is a form of energy that is transferred between two bodies because of a temperature difference existing between them. Heat is the term used to describe the thermal energy that is transferred between molecules in ...

The work done by Light is evident from the photoelectric effect. We have to study Light Energy in Physics Class 10. In this article, we are going to discuss what is Light Energy, the properties of Light Energy, the nature of light ...

The Dimensional Formula of Potential Energy is  $[ML^2T^{-2}]$ . Here, we study the dimensional formula of potential energy and how to derive the dimensional formula of Potential Energy. Potential Energy Potential Energy is ...

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Energy is defined as the capacity or ability to do work. It exists in various forms, such as kinetic energy, potential energy, thermal energy, and more. Energy can be transferred from one object to another or transformed ...

Physics plays an important role in all the natural sciences, however, and all such fields have branches in which physical laws and measurements receive special emphasis, bearing such names as astrophysics, geophysics, ...

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