



Class 8th Physics

Description:

The Science Syllabus is elegantly designed such that it introduces the basic concepts of Science and its importance in our daily life. It will make the foundation strong for the higher classes. Physics is the Study of Physical World. It is the natural science that studies matter, its fundamental constituents, its motion and behavior through space and time, and the related entities of energy and force. Main goal of Physics is to understand how the universe behaves.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Self Paced Videos

What we learn:

Stars and the Solar System

Light

Some Natural Phenomena

Chemical Effects of Electric Current

Sound

Friction

Force and Pressure

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Jawala Prakash

Description:

Awesome teacher

>Stars and the Solar System:

>>Lecture 1 : Introduction

>>Lecture 3 : Phases of Moon

>>Lecture 4 : Stars, light Year, Pole Star

>>Lecture 5 : Constellation

>>Lecture 6 : The Solar System

>>Lecture 7 : Different Planets of Solar System

>>Lecture 8 : Asteroids, Comets, Meteors and Meteorites, Artificial satellites

>>Lecture 9 : NCERT Question discussion

>Light:

>>Lecture 1 : Light Introduction, How things are visible to us

>>Lecture 2 : Laws of Reflection, Incident Ray, Reflected Ray and Normal

>>Lecture 3 : Image Formation in Plane Mirror, Regular and Diffused Reflection

>>Lecture 4 : Multiple Image Formation, Kaleidoscope, Dispersion of Light

>>Lecture 5 : Structure and Function of Human Eye

>Some Natural Phenomena:

>>Lecture 1 : Introduction

>>Lecture 2 : Lightning , Charging by rubbing

>>Lecture 3 : Types of Charge and Their Interaction

>>Lecture 4 : Transfer of Charge, Electroscope

>>Lecture 5 : Understanding Lightning, Lightning, Conductor

>>Lecture 6 : Earthquake, Richter Scale

>>Lecture 7 : Earthquake Explained

>>Lecture 8 : NCERT Question Discussion

>Chemical Effects of Electric

Current:

>>Lecture 1 : Introduction

>>Lecture 2 : Electricity, Heating effects of Electric Current

>>Lecture 3 : Do liquids conduct Electricity

>>Lecture 4 : Magnetic effects of Electric Current, Electrolysis

>>Lecture 5 : Electroplating

>Sound:

>>Lecture 1 : Introduction

>>Lecture 2 : How Sound is Produced

>>Lecture 3 : Jaltarang, How Sound is Produced

>>Lecture 4 : Propagation of Sound

>>Lecture 5 : Human Ear and its Working Mechanism

>>Lecture 6 : Properties of Sound, Amplitude, Time period, Frequency

>>Lecture 7 : Characteristic of Sound, Loudness, Pitch of Sound, Quality of Sound

>>Lecture 8 : Audible and Inaudible Sound, Noise Pollution

>Friction:

>>Lecture 1 : Understanding Friction, Cause of Friction, Factors affecting Friction

>>Lecture 2 : Static Friction, Sliding Friction, Rolling Friction, Fluid Friction

>>Lecture 3 : Friction - A necessary evil, Reduction of Friction, Fluid Friction

>>Lecture 4 : NCERT Question Discussion

>Force and Pressure:

>>Lecture 1 : Understanding Force

>>Lecture 2 : Effect of Force

>>Lecture 3 : Types of Force, Contact and Non-contact force, Electromagnetic Force, Gravity

>>Lecture 4 : Pressure

>>Lecture 5 : NCERT Question Discussion