

# PHYSICS - Grade 12

#### WEEK 1

Electrostatics
Motion in Electromagnetic Fields
Electric and Magnetic Fields

#### WEEK 2

Electrostatic Potential Capacitance Gravitational Fields

### WEEK 3

Current Electricity
Resistance and Resitivity
Rigid Body Mechanics

### **WEEK 4**

Magnetic Effect of Current Biot-Savart Law Faraday's Law of Electromagnetism

## WEEK 5

Magnetism and Matter Thermal Energy Transfer Currents and Circuits



# **PHYSICS - Grade 12**

### WEEK 6

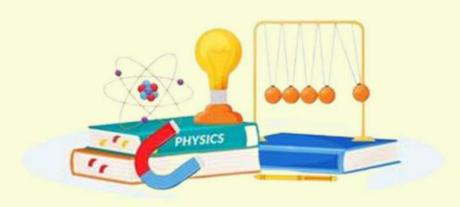
Electromagnetic Induction
Wave Phenomenon
Standing Waves and Resonance

## WEEK 7

Structure of the Atom Quantum Physics Radioactivity

### WEEK 8

Fission
Fusion and Stars
Semiconductors



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