

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 Resistivity

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

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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

