AP Physics Comprehensive Preparation Checklist

Core Preparation (All AP Physics Exams)

Task	Description	Done
Review Official Syllabus	Download AP Physics Course & Exam Description from College Board	■
Understand Exam Format	Learn section timings, question types, and scoring	■
Learn Calculator Policy	Practice with allowed calculators	■
Build Study Plan	Divide topics into weekly goals	■
Choose Resources	Use official AP materials, TestprepKart guides, and trusted textbooks	■
Take Diagnostic Test	Identify strengths and weaknesses	■
Understand Equation Sheet	Know given vs. memorized formulas	■
Register for Exam	Track deadlines and select format (paper/digital)	■

AP Physics 1 Topics

Topic	Status
Kinematics & Dynamics (motion, forces, Newton's laws)	■
Work, Energy, and Power	■
Rotational Motion & Torque	■
Mechanical Waves & Sound	■
Simple Circuits	■
Experimental Design & Data Analysis	■

AP Physics 2 Topics

Topic	Status
Fluids & Thermodynamics	■
Electrostatics & Electric Circuits	■
Magnetic Fields & Electromagnetism	■
Geometric & Physical Optics	■
Quantum, Atomic, and Nuclear Physics	■

AP Physics C – Mechanics

Topic	Status
Kinematics	■
Newton's Laws	■

Work, Energy, and Power	■
Systems of Particles & Linear Momentum	■
Circular Motion & Rotation	■
Oscillations & Gravitation	■

AP Physics C – Electricity & Magnetism

Topic	Status
Electrostatics (Coulomb's Law, Electric Fields, Potential)	■
Conductors, Capacitors, Dielectrics	■
Electric Circuits	■
Magnetic Fields	■
Electromagnetism (Faraday's Law, Induction)	■

Skills to Build

Skill	Purpose
Graph & Diagram Interpretation	Extract data from visuals
Experimental Design	Create & analyze lab setups
Equation Application	Apply physics laws to problems
FRQ Writing	Clear, logical explanations

Practice Strategy

Task	Frequency
MCQ Practice	Daily (mix conceptual & numerical)
FRQs	3–5 per week
Timed Full Mocks	Every 5–7 days
Equation Sheet Review	Weekly
Weak Topic Revision	Ongoing