

WAEC/NECO Physics Practical Prep Guide

Introduction

WAEC/NECO Physics Practicals can be challenging, but with the right preparation, students can excel. This guide covers the key areas, tools, and strategies needed.

Core Areas

Mechanics, Optics, Electricity - These are the three consistent areas WAEC/NECO focuses on.

Mechanics Topics

- Simple Harmonic Motion
- Hooke's Law
- Parallelogram Law of Vectors
- Friction
- Relative Density
- Upthrust

Optics Topics

- Ray Box Experiment
- Mirror (Reflection)
- Rectangular Glass Block (Refraction)
- Triangular Prism

Electricity Topics

- Use of Potentiometer
- Meter Bridge
- Ohm's Law

Exam Skills

- Observation
- Data Arrangement

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- Inferential Judgment
- Concept Understanding
- Calculations
- Evaluation

Time Strategy

Total Time: 2hrs 45min

Recommended:

- 1hr 15min per question
- 15min for corrections

Practical Notes

- Answer with pencil for neatness and correction
- Carry your ruler, calculator, overall, and mathematical set
- Schools with more than 100 students use Alternative A & B

Final Tips

Practice ahead of time, understand the apparatus, and revise related theory. Confidence comes from preparation.