Completion Date July 2024



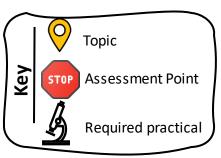
Exam technique/math skills



RP6 Investigation of the emf and internal resistance of electric cells and batteries by measuring the variation of the terminal pd of the cell with current in it.



Electricity



RP4 Determination of the Young modulus by a simple method.



RP3 Determination of g by a free-fall method.

Assessment point 3 w.c. 17th June

RP5 Determination of resistivity of a wire using a micrometer, ammeter and voltmeter.



Mechanics and Materials



RP1 Investigation into the variation of the frequency of stationary waves on a string with length, tension and mass per unit length of the string.

STOP

RP2 Investigation of interference effects to include the Young's slit experiment and interference by a diffraction grating.





Assessment

point 2 w.c. 4th

March

RP12 Investigation of the inverse-square law for gamma radiation.







Particles and Radiation





AQA: Physics

Completion Date

July 2025

Topic

Assessment Point

Required practical



Exam technique/math skills/revision



RP11 Investigate, using a search coil and oscilloscope, the effect on magnetic flux linkage of varying the angle between a search coil and magnetic field direction.



Nuclear Physics

Assessment point

2 w.c. 29th January

RP10 Investigate how the force on a wire varies with flux density, current and length of wire using a top pan balance.









Fields and their consequences



RP7 Investigation into simple harmonic motion using a mass-spring system and a simple pendulum.

Assessment point 1 w.c. 16th October



Further Mechanics





Year 13

(Option TBC)