

Gordon's School Physics Department

GCSE - Curriculum Map



Key Words / Skills:

Obtaining Data

Analysing Evidence

Describing patterns

Applying Knowledge

Explaining Phenomena

Rearranging Formulae

Calculating Quantities



Set 1: Space Continued Sets 1-6: Experimental skills & data analysis

Consolidating skills in working scientifically and

analysing data.

Set 1: Causes and effects of pressure

Set 1: Force and Pressure

Sets 2-6: Radioactivity

Set 2-6: The nature and properties of nuclear radiation.



GCSE

Exams

Motion Forces in balance

relationship to motion.

Exploring the effects and interactions of forces and their

Revision

Force and motion

Y11 Mock exams

Year 11

Electromagnetism

Exploring interactions between and electric current and magnetic fields.

> **Electromagnetic waves** (Plus Set 1: Light)

Uses and properties of the electromagnetic spectrum

Properties of waves

Investigating and calculating speed, frequency and wavelength.

Electricity in the home Year 10 Mock Exams

> Alternating current and domestic use of electricity.



Electric circuits

Exam Specification:



Year 10

P1: Conservation and dissipation of energy

Explaining processes in terms of energy moving between different stores.

The relationship between current, potential difference and resistance in DC circuits.

Exam Specification:



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Set 1