



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

GCSE Exams



Revision

Set 1: Space

Sets 1-6: Experimental skills & data analysis

Consolidating skills in working scientifically and analysing data.

Set 1: Force and Pressure

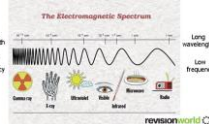
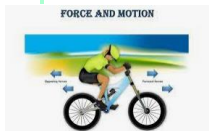
Set 1: Causes and effects of pressure

Y11 Mock exams



Electromagnetism

Exploring interactions between and electric current and magnetic fields.



Electromagnetic waves

Year 11

Properties of Waves

Investigating and calculating speed, frequency and wavelength

(Plus Set 1: Light)

Uses and properties of the electromagnetic spectrum

Motion Forces in balance Force and motion

Exploring the effects and interactions of forces and their relationship to motion.

Year 10 Mock Exams

Electricity in the home

Alternating current and domestic use of electricity.

Electric circuits

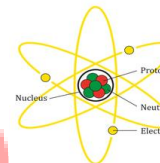
The relationship between current, potential difference and resistance in DC circuits.

Conservation and dissipation of energy

Explaining processes in terms of energy moving between different stores.

Year 10

Year 9 Exams



Radioactivity

The nature and properties of nuclear radiation.

Exam Specification:



Set 1

Year 9

Energy stores and resources

The methods and issues of different ways of providing energy.

Density and thermal physics

The particle model of matter and heat transfers within substances.



Should this QR code not work, please click [here](#) for the relevant specification.

Should this QR code not work, please click [here](#) for the relevant specification.

Command Words:

- Calculate
- Compare
- Complete
- Describe
- Determine
- Evaluate
- Explain
- Justify
- Predict
- State
- Suggest
- Use

Exam Specification:



Set 2-6