



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

Sets 1-6: Experimental skills & data analysis

Consolidating skills in working scientifically and analysing data.

Separate: 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 (Plus Separate: Light)

Properties of Waves
Investigating and calculating speed, frequency and wavelength

Uses and properties of the electromagnetic spectrum

Space

The life cycle of stars and the origin of the universe

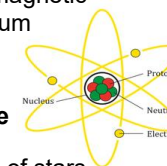
Year 9 Exams

Radioactivity

The nature and properties of nuclear radiation.

Command Words:

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

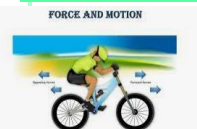


Year 11

Year 10

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 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.

Exam Specification:



Set 1

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

Exam Specification:



Set 2-6

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