Southend High School for Girls
AN ACADEMY GRAMMAR SCHOOL

Physics

Head of Subject: Miss N Dillon

Aims

The AQA GCSE aims to enable students to:
• develop scientific knowledge and conceptual understanding of physics
• develop understanding of the nature, processes and methods of physics
• develop and learn to apply observational, practical, modelling, enquiry and problem-solving
• skills, both in the laboratory, in the field and in other learning environments
• develop their ability to evaluate claims based on physics through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively

Requirements

No requirements as this is a compulsory subject.
Students should have sound KS3 knowledge of Physics
Students should have a sound knowledge of KS3 Mathematics

Exam Board: AQA

What will I study?
Forces
Energy
Waves
Electricity
Magnetism and electromagnetism
Particle model of matter
Atomic structure
Space physics

How will you be assessed?

Paper 1: Energy, electricity, particle model of matter, atomic structure - written examination. Multiple choice, structured, closed short answer and open responses. 1hr 45mins, 100 marks, weighting 50%

Paper 2: Forces, waves, magnetism and electromagnetism, space physics - written examination. Multiple choice, structured, closed short answer and open responses. 1hr 45mins, 100 marks, weighting 50%

Further Information

No requirements as this is a compulsory subject.
Students should have sound KS3 knowledge of Physics
Students should have a sound knowledge of KS3 Mathematics