

# GCSE Physics Curriculum Guide

## What will my son learn?

### Y10

- Energy
- Electricity
- Particle model of matter
- Atomic structure

### Y11

- Forces
- Waves
- Magnetism and electromagnetism
- Space Physics

## How will my son be assessed?

Exams are all sat in the Summer term of Y11.

- 2 exams
- Each is 1 hour 45 mins long
- Each is worth 100 marks (50% of overall grade)
- Questions can be multiple-choice, structured, closed, short answer and open response.
  
- Foundation and Higher Tier papers.
- 1-9 Grading scale

### Assessment objectives

- AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures - 40%
- AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures – 40%
- AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures – 20%

#NB – There is no controlled assessment – practical skills will be developed within the lessons and examined in the paper exams

## How can I support my son with the Physics course.

- Attendance to all lessons is compulsory
- Students should be encouraged to do independent reading outside of the assigned homework
- Ensure he is up-to-date with assignments and is meeting all deadlines set by the school
- Websites and books will be published to support the new specifications

