



Physics

Yr7, Yr8, Yr9: New KS3 Curriculum
Y10 & Yr11: 2-year KS4
Yr12& Yr13: A-level

Mastery at Year 13:
 Further mechanics.
 Thermal Physics.
 Fields.
 Nuclear physics.
 Medical physics (A-level Option).

Mastery at Year 12:
 Measurements and their errors.
 Particles and radiation.
 Waves.
 Mechanics and materials.
 Electricity.

Mastery at Year 11:
 Waves, Electromagnetic radiation, electricity and electromagnetism

Mastery at Year 10:
 Energy transfers, the particle model of matter and how it pertains to pressure in gasses and liquids, forces, motion and the interaction between forces and motion.

Mastery at Year 9:
 Analysis and evaluation
 Understanding how Scientific theories develop.

Mastery at Year 8:
 Application of experimental skills and enquiry processes.
 Knowledge of processes in biology, chemistry and physics.

Mastery at Year 7:
 Experimental skills and enquiry processes.
 Foundation knowledge of biological, chemical and physics concepts

