



Love of Learning, Opportunity, Resilience, Respect

2024-2025 Boston High School Science KS3 and Physics KS4 and KS5 Curriculum Overview

Year 7 and 8: **Biology / Chemistry / Physics**

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
7	Intro Topic Organisms	Matter Forces and Space	Reactions Ecosystems	Sound and Light Earth	Electricity and Magnetism Genes	Motion and Pressure
	Note: Some topics will be taught at different times due to split classes and staff working days, however all students will cover each topic above throughout the year.					
8	Energy Organisms Matter/Reactions	Organisms/Genes/Ecosystems Forces	Reactions Waves Ecosystems	Matter Genes	Electricity and Magnetism Genes	Earth Electricity and Magnetism
	Note: Some topics will be taught at different times due to split classes and staff working days, however all students will cover each topic above throughout the year.					
9	Energy: Stores and systems	Using Energy	Electricity 1	Electricity 2	Particles and Matter	Particles and Matter
10	Atomic structure	Radioactivity	Forces and motion	Forces and Newton's Laws	Forces in action	Waves 1
11	Waves 2	Magnetism and electromagnetism	Magnetism and electromagnetism	Space (Sep. only)	REVISION	REVISION
12	Practical Skills Particles and radiation	Waves and Optics Forces in equilibrium	Forces and motion Work, Energy & Power	Materials Electric Circuits	Circular motion REVISION	REVISION Thermal Physics
13	Simple harmonic motion Gases	Magnetic Fields Electrical fields	Gravitational Fields Capacitors	Nuclear Physics Astrophysics	REVISION	

NOTE: The timings may vary due to the needs of individual students and classes (especially KS3 due to classes having shared teachers) but it is envisaged that all classes will cover the curriculum above.