HOUSTONE SCHOOL

Science Curriculum Overview
2023/24

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Year 7	7C1 - Particles	7B1 – Cells, tissues, organs and systems	7P1 – Energy	7B2 – Reproduction	7C2 – Chemical reactions	7P2 – Forces and motion
Year 8	8B1 – Digestion	8C1 – Atoms, elements and the periodic table	8P1 – Electricity	8B2 – Ecological relationships	8C2 – Materials of the earth	8P2 – Waves and space
Year 9	9B1 – Biological systems and processes	9C1 – Reactivity	9P1 – Forces in action	B1 – Cell structure B2 – Transport in cells	C1 – The atom C2 – The periodic table	P2 – National and global energy resources P3 – Supplying energy
Year 10	B5 – Enzymes B7 – The spread of diseases	B8 - Preventing and treating disease B9 – Non-communicable diseases	B10 – Photosynthesis B11 - Respiration	B12 – The nervous system and homeostasis	B13 – Hormonal coordination	B14 - Variation
	C3 - Bonding	C4 – Quantitative chemistry	C5 – Reactions of metals C6 – Reactions of acids	C7 – Electrolysis C8 – Energy changes	C9 – Rates of reaction	C10 - Equilibrium
	P2 – National and global energy resources P3 – Supplying electricity	P4 – Electric circuits	P5 – Energy of matter	P6 – Atoms P7 – Nuclear radiation	P8 – Forces	P9 - Speed
Year 11	B7 – The spread of diseases B8 - Preventing and treating disease B9 – Non-communicable diseases	B12 – The nervous system and homeostasis B13 – Hormonal coordination	B14 – Variation B15 – Reproduction	B16 – Evolution B17 – Adaptation	B18 – Humans and the ecosystem	EXAMINATION PERIOD
	C5 – Reactions of metals C6 – Reactions of acids	C7 – Electrolysis C8 – Energy changes C9 – Rates of reaction	C10 – Equilibrium C11 – Crude oil and fuels	C13 – Chemical analysis C14 – The Earth's atmosphere	C15 – Using the Earth's resources	
	P5 – Energy of matter P6 – Atoms P7 – Nuclear radiation	P8 – Forces P9 – Speed	P10 – Newton's laws of motion P11 – Mechanical waves	P12 – Electromagnetic waves	P13 – Magnets and electromagnets	

ASPIRATION • ENDEAVOUR • RESPECT