## **CURRICULUM OVERVIEW from 2021 onwards**

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<u>Year 7</u>	Baseline assessment Working scientifically Cells	Light Particles and behaviour	AP1 Body systems	Forces Reactions and bonding	AP2 Reproduction	Acids and Alkalis Space
<u>Year 8</u>	Periodic table Health and lifestyle	AP1 Energy Ecosystem processes	The Earth Sound	Separation techniques Metals and acids	Adaptation and inheritance Motion and pressure	Electricity and magnetism End of year exam
<u>Year 9</u>	C1 Atomic structure P1 Conservation and dissipation of energy B1 Cells structure and transport	C2 Periodic table P3 Energy resources B2 Cell division	AP1 C3 Structure and bonding P2 Energy transfer by heating B3 Organisation and digestion	C3 Structure and bonding B4 Organising animals and plants P7 Radioactivity	C6 Electrolysis B4 Organising animals and plants P11 Wave properties	P16 Space B8 Photosynthesis C5 Chemical changes End of year exam
<u>Year 10</u>	B5 Communicable disease P11 Wave properties C6 Electrolysis	AP1 C5 Chemical changes C6 Electrolysis B6 Preventing and treating disease	B6 Preventing and treating disease C5 Chemical changes C4 Chemical calculations P12 Electromagnetic waves	B7 Non- communicable disease B10 Nervous system C7 Energy changes P8 Forces in balance	B11 Hormonal control C7 Energy changes P9 Motion	AP2 B13 Reproduction P9 Motion C9 Crude oil and fuels
<u>Year 11</u>	C10 Chemical analysis C11 The earth's atmosphere C12 The earth's resources B11 Hormonal control B13 Reproduction B14 Variation and evolution B15 Genetics & evolution P8 Forces in balance P9 Motion P10 Force and motion	Trial exam 1	B15 Genetics & evolution B16 Adaptation and competition B17 Ecosystems and biodiversity	Revision Trial exam 2	Revision	

## **ENRICHMENT / CAREER links**

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<u>Year 7</u>	Scientific laboratory professions ECO club	ECO club STEM botics	Medical and Health services. ECO club	Light engineer Sound engineer/technician Audiologist Optician	Medical and Health services.	Pharmaceuticals Chemical engineering Astronomer/ space scientist
<u>Year 8</u>	Medical and Health services. Scientific laboratory professions STEM club	Electrician STEM club	Ecologist/environmental science STEM club	Pharmaceuticals Energy industries STEM club	Sports scientist/physiotherapy Ergonomist STEM club	Geologist STEM club STEM challenge
<u>Year 9</u>	Medical and Health services. STEM club	Product design Renewable energy industries STEM club	Medical and Health services. Electrician Pharmaceuticals STEM club STEM botics	Medical and Health services Electrician Agriculturalist/horticulturalist STEM club	Medical and Health services. Radiology/ nuclear scientist Microbiologist STEM club	competition (Lincs) Medical and Health services. STEM club STEM challenge competition (Lincs)
<u>Year 10</u>	Medical and Health services. Pilot/ aeronautical industries STEM challenge competition (Lincs) STEM club STEM botics	Medical and Health services. Oil industries Pilot/ aeronautical industries STEM club	Medical and Health services. Communications services Fertility services STEM club	Medical and Health services. Geneticist Archaeologist STEM club	Ecologist/environmental science Astronomer/ space scientist STEM club	Ecologist/environmental science
<u>Year 11</u>	STEM botics					