

The school taught students to act with integrity and kindness so they went on to demonstrate excellence in their chosen field. It was a place where everyone belonged.

Science Curriculum Overview 2022-2023

Year Group	HT1	HT2	HT3	HT4	HT5	HT6
7	Working Scientifically Biology – Organisms	Chemistry – Matter Physics – Forces	Physics – Forces Biology – Ecosystems	Chemistry – Reactions Physics – Electromagnets	Physics – Electromagnets Physics – Energy	Physics – Energy Chemistry – Earth
8	Working scientifically Biology – Genes	Physics – Waves Biology – Organisms	Chemistry – Matter Physics – Forces	Physics – Forces Physics – Waves Biology – Ecosystems	Biology – Ecosystems Chemistry – Reactions	Chemistry – Reactions Physics – Electromagnets
9	Working Scientifically Biology – Genes	Physics – Energy Chemistry – Earth	Biology Unit B1 – Cell Biology	Chemistry Unit C1 – Atomic structure and the periodic table	Physics Unit P1 – Energy	Physics Unit P1 – Energy
10	Physics Unit P1 – Energy Chemistry Unit C2 – Bonding, structure and the properties of matter	Physics Unit P1 – Energy Biology Unit B2 – Organisation Chemistry Unit C2 – Bonding, structure and the properties of matter Physics Unit P2 – Electricity	Physics Unit P3 – Particle model of matter Physics Unit P4 – Atomic structure Chemistry Unit C3 – Quantitative chemistry Chemistry Unit C4 – Chemical changes	Physics Unit P4 – Atomic structure Biology Unit B3 – Infection and response Chemistry Unit C4 – Chemical changes	Biology Unit B3 – Infection and response Biology Unit B4 – Bioenergetics Chemistry Unit C4 – Chemical changes Chemistry Unit C5 – Energy changes	Biology Unit B4 – Bioenergetics Biology Unit B5 – Homeostasis and response Chemistry Unit C6 – The rate and extent of chemical change
11	Biology Unit B5 – Homeostasis and response Biology Unit B6 – Inheritance, variation and evolution Chemistry Unit C6 – The rate and extent of chemical change Chemistry Unit C7 – Organic chemistry	Biology Unit B6 – Inheritance, variation and evolution Chemistry Unit C7 – Organic chemistry Chemistry Unit C8 – Chemical analysis Chemistry Unit C9 – Chemistry of the atmosphere	Biology Unit B7 – Ecology Chemistry Unit C9 – Chemistry of the atmosphere Chemistry Unit C10 – Using resources	Biology Unit B7 – Ecology Physics Unit P5 – Forces Physics Unit P6 – Waves	Physics Unit P7 – Magnetism and electromagnetism	

excellence

integrity

kindness