

Key Stage 4 Curriculum Map 2021 - 2022 Subject: Biology

Term	Year 10	Year 11
1.1	Biological Models, Enzymes, Plant Nutrition (AO1, AO2, AO3)	Drugs, Reproduction (AO1, AO2, AO3)
1.2	Human Nutrition, Transport in Plants, Transport in Animals (AO1, AO2, AO3)	Reproduction (AO1, AO2, AO3)
2.1	Diseases and Immunity, Gas Exchange in Humans (AO1, AO2, AO3)	Inheritance, Variation & Selection, Organisms & their Environments (AO1, AO2, AO3)
2.2	Respiration, Excretion in Humans (AO1, AO2, AO3)	Biotechnology & Genetic Engineering, Human Influences on Ecosystems (AO1, AO2, AO3)
3.1	Coordination & Response (AO1, AO2, AO3)	Consolidation, Scientific Skills & Examination Practice
3.2	Consolidation, Scientific Skills & Examination Practice	Investigative Projects (AO3)

AO1 – Knowledge with understanding

AO2 – Handling information and problem-solving

AO3 – Experimental skills and investigations

Key Stage 4 Curriculum Map 2021 - 2022 Subject: Chemistry

Term	Year 10	Year 11
1.1	Stoichiometry (AO1, AO2, AO3)	Metals, Air & Water (AO1, AO2, AO3)
1.2	Electricity & Chemistry (AO1, AO2, AO3)	Sulfur, Carbonates (AO1, AO2, AO3)
2.1	Chemical Energies, Chemical Reactions (AO1, AO2, AO3)	Organic Chemistry (AO1, AO2, AO3)
2.2	Acids, Bases & Salts (AO1, AO2, AO3)	Organic Chemistry (AO1, AO2, AO3)
3.1	The Periodic Table (AO1, AO2, AO3)	Consolidation, Scientific Skills & Examination Practice
3.2	Consolidation, Scientific Skills & Examination Practice	Investigative Projects (AO3)

AO1 – Knowledge with understanding

AO2 – Handling information and problem-solving

AO3 – Experimental skills and investigations

Key Stage 4 Curriculum Map 2021 - 2022 Subject: Physics

Term	Year 10	Year 11
1.1	General Physics (AO1, AO2, AO3)	Electricity and Magnetism (AO1, AO2, AO3)
1.2	General Physics (AO1, AO2, AO3)	Electricity and Magnetism (AO1, AO2, AO3)
2.1	Thermal Physics (AO1, AO2, AO3)	Atomic Physics (AO1, AO2, AO3)
2.2	Properties of Waves, including Light and Sound (AO1, AO2, AO3)	Consolidation, Scientific Skills & Examination Practice
3.1	Properties of Waves, including Light and Sound (AO1, AO2, AO3)	Consolidation, Scientific Skills & Examination Practice
3.2	Consolidation, Scientific Skills & Examination Practice	A-level Lab Skills (AO3)

AO1 – Knowledge with understanding

AO2 – Handling information and problem-solving

AO3 – Experimental skills and investigations