

Key Stage 5 Curriculum Map 2021 - 2022 Subject: Biology

Term	Year 12	Year 13
1.1	Molecules, Diet (AO1, AO2a, AO2b, AO3)	Energy, Environment (AO1, AO2a, AO2b, AO3)
1.2	Transport and Health (AO1, AO2a, AO2b, AO3)	Microbiology & Immunity (AO1, AO2a, AO2b, AO3)
2.1	Cells, Development (AO1, AO2a, AO2b, AO3)	Respiration, Internal Environment (AO1, AO2a, AO2b, AO3)
2.2	Biodiversity & Conservation (AO1, AO2a, AO2b, AO3)	Coordination & Gene Technology (AO1, AO2a, AO2b, AO3)
3.1	Consolidation, Scientific Skills & Examination Practice	Consolidation, Scientific Skills & Examination Practice
3.2	Energy, Environment (AO1, AO2a, AO2b, AO3)	

AO1 – Demonstrate knowledge and understanding of science

AO2a – Application of knowledge and understanding of science in familiar and unfamiliar contexts

AO2b – Analysis and evaluation of scientific information to make judgements and reach conclusions

AO3 – Experimental skills in science, including analysis and evaluation of data and methods

Key Stage 5 Curriculum Map 2021 - 2022 Subject: Chemistry

Term	Year 12	Year 13
1.1	Structure & Bonding (AO1, AO2a, AO2b, AO3)	Rates, Equilibria (AO1, AO2a, AO2b, AO3)
1.2	Introduction to Organic Chemistry (AO1, AO2a, AO2b, AO3)	Further Organic Chemistry (AO1, AO2a, AO2b, AO3)
2.1	Energetics, Group Chemistry (AO1, AO2a, AO2b, AO3)	Transition Metals (AO1, AO2a, AO2b, AO3)
2.2	Halogenoalkanes & Alcohols (AO1, AO2a, AO2b, AO3)	Organic Nitrogen Chemistry (AO1, AO2a, AO2b, AO3)
3.1	Consolidation, Scientific Skills & Examination Practice	Consolidation, Scientific Skills & Examination Practice
3.2	Rates, Equilibria (AO1, AO2a, AO2b, AO3)	

AO1 – Demonstrate knowledge and understanding of science

AO2a – Application of knowledge and understanding of science in familiar and unfamiliar contexts

AO2b – Analysis and evaluation of scientific information to make judgements and reach conclusions

AO3 – Experimental skills in science, including analysis and evaluation of data and methods

Key Stage 5 Curriculum Map 2021 - 2022 Subject: Physics

Term	Year 12	Year 13
1.1	Mechanics (AO1, AO2a, AO2b, AO3)	Fields and Particles (AO1, AO2a, AO2b, AO3)
1.2	Materials (AO1, AO2a, AO2b, AO3)	Fields and Particles (AO1, AO2a, AO2b, AO3)
2.1	Waves (AO1, AO2a, AO2b, AO3)	Thermodynamics, Radiation (AO1, AO2a, AO2b, AO3)
2.2	Electricity (AO1, AO2a, AO2b, AO3)	Oscillations and Cosmology (AO1, AO2a, AO2b, AO3)
3.1	Consolidation, Scientific Skills & Examination Practice	Consolidation, Scientific Skills & Examination Practice
3.2	Further Mechanics (AO1, AO2a, AO2b, AO3)	

AO1 – Demonstrate knowledge and understanding of science

AO2a – Application of knowledge and understanding of science in familiar and unfamiliar contexts

AO2b – Analysis and evaluation of scientific information to make judgements and reach conclusions

AO3 – Experimental skills in science, including analysis and evaluation of data and methods