

# Science

# Long Term Plan

Academic Year 2023-2024



Co-op Academy  
Grange

## KS3 Science at Co-op Academy Grange

The KS3 Science curriculum at Co-op Academy Grange meets the requirements as set out in the National Curriculum for Science.

	HT1	HT2	HT3	HT4	HT5	HT6
Y7	Skills  Biology: Organisms Part 1	Chemistry: Matter Part 1  Investigation 1	Physics: Energy Part 1  Investigation 2	Biology: Ecosystems Part 1  Investigation 3	Chemistry: Reactions Part 1  Revision for Assessment	End of Year Assessment  Physics: Electromagnets Part 1
Y8	Biology: Genes Part 1  Investigation 1	Physics: Waves Part 1  Biology: Organisms Part 2	Investigation 2  Chemistry: Matter Part 2	Physics: Electromagnets Part 2  Investigation 3	Biology: Ecosystems Part 2  Revision for Assessment	End of Year Assessment  Chemistry: Earth Part 1
Y9	Physics: Energy Part 1 & 2  Investigation 1	Biology: Genes Part 2  Investigation 2	Physics: Waves Part 2  Investigation 3	Chemistry: Reactions Part 1 & 2  Investigation 4	Chemistry: Earth Part 2  Revision for EOY Assessment  Co-op end of year Assessment	Chemistry: Earth Part 2  Transition to KS4

## AQA Combined Science/Trilogy 8464 at Co-op Academy Grange

	HT1	HT2	HT3	HT4	HT5	HT6
Y10	B1 Cell Biology C1 Atomic Structure	C1 Bonding P1 Energy	B1 Organisation C1 Quantitative	P1 Electricity P1 Particle Model	B1 Infection and Response P1 Atomic Structure	B1 Bioenergetics C1 Chemical Change
Y11	C1 Energy Change B2 Homeostasis C2 Rates	C2 Organic Chemistry P2 Forces	B2 Inheritance, Variation and Evolution B2 Ecology	C2 Chemical Analysis C2 Chemistry of the Atmosphere C2 Using Resources P2 Waves P2 Magnetism	GCSE Intervention/ Revision Plan	

## AQA GCSE Triple Science/GCSE Biology 8461 at Co-op Academy Grange

	HT1	HT2	HT3	HT4	HT5	HT6
Y10	B1 Cell Biology	B1 Organisation	B1 Organisation B1 Infection and Response	B1 Infection and Response	B1 Bioenergetics	B2 Homeostasis B1 Mock
Y11	B2 Homeostasis and Response	B2 Inheritance, Variation and Evolution	B2 Ecology	B2 Ecology Revision	Revision	

## AQA GCSE Triple Science/GCSE Chemistry 8462 at Co-op Academy Grange

	HT1	HT2	HT3	HT4	HT5	HT6
Y10	C1 Atomic Structure	C1 Bonding	C1 Quantitative Chemistry	C1 Chemical Changes	C1 Energy Changes	C2 Rate and Extent of Change  C1 Mock
Y11	C2 Rate and Extent of Change	C2 Organic Chemistry	C2 Chemical Analysis C2 Atmosphere	C2 Atmosphere C2 Using Resources	Revision	

AQA GCSE Triple Science/GCSE Physics 8463 at Co-op Academy Grange

	HT1	HT2	HT3	HT4	HT5	HT6
Y10	P1 Energy	P1 Energy P1 Electricity	P1 Electricity P1 Particle Model	P1 Particle Model	P1 Atomic Structure	P2 Forces P1 Mock
Y11	P2 Forces	P2 Waves	P2 Magnetism	P2 Space	Revision	