

KS4 TRILOGY AND SEPARATE SCIENCE CHEMISTRY



	Autumn Term	Spring Term	Summer Term
Year 9	N/A	N/A	Module 1 Introduction to GCSE Chemistry – The model of the atom <ul style="list-style-type: none"> Understanding the structure of the atom and linking it to the periodic table
Year 10	Module 2 Bonding and Structure <ul style="list-style-type: none"> Describing different types of chemical bonds Explaining the atomic and molecular structure of materials Module 5 Energy Changes <ul style="list-style-type: none"> Analysing how chemical reactions lead to energy changes Module 6 Rate and Extent of Chemical Changes <ul style="list-style-type: none"> Explaining the factors which affect rates of reactions 	Module 7 Organic Chemistry <ul style="list-style-type: none"> Understanding the science of hydrocarbons Explaining the types and uses of hydrocarbons 	Module 9 Chemistry of the Atmosphere <ul style="list-style-type: none"> Describing the evolution of composition of the atmosphere Module 3 Quantitative Chemistry <ul style="list-style-type: none"> Using mathematics to explain and describe outcomes of chemical reactions
Year 11	Module 4 Chemical Changes <ul style="list-style-type: none"> Describing and investigating a variety of different chemical reactions 	Module 8 Chemical Analysis <ul style="list-style-type: none"> Examining techniques used to analyse substance and purity Module 10 Using Resources <ul style="list-style-type: none"> Applying useful chemistry in real life situations 	Final Exams