Year 12, Chemistry, 2022/23

MALTBY ACADEMY

Half Term 1: 5th September – 21st October (7 weeks)									
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Holiday	Week 8	Week 9
Physical - Atomic structure		Organic – Alkanes, haloalkanes and alkenes			Physical – Amount of substance			Physical – Amount of substance	

Half Term 2: 31st October – 16th December (7 weeks)							Half Term 3: 3rd January - 10th February (6 weeks)		
Week 10	Week 11	Week 12	Week 13	Week 14	Holiday	Holiday	Week 15	Week 16	Week 17
Physical - Bonding		Inorganic - Periodicity		Revision			Organic - Alcohols		Physical - Energetics

Half Term 3: 3rd January - 10th February (6 weeks)				Half Term 4: 20th February – 31st March (6 weeks)					
Week 18	Week 19	Week 20	Holiday	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
Physical - Energetics	Organic – Organic analysis			Organic – Organic analysis	Physical – Kinetics			Trial preparation	

Holiday	Holiday	Half Term 5: 17th April – 26th May (6 weeks)						Holiday	Half Term 6
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
		Trial exams	Physical - Equilibria			Physical - Redox	Inorganic – Group 2		Inorganic – Group 7

Half Term 6: 5th June – 21st July (7 weeks)					
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39
Trial preparation		Trial exams	CTG	A2 Preparation	

Curriculum Intent:

Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.

Year 13, Chemistry, 2022/23

MALTBY ACADEMY

Half Term 1: 5th September – 21st October (7 weeks)								Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
Physical – Rate equation and Kc recap	Physical - Kp	Physical - Thermodynamics		Organic - Isomerism	Organic – Carbonyl compounds		Holiday	Organic - Aromatics	Organic - Amines
Half Term 2: 31st October – 16th December (7 weeks)								**Half Term 3: 3rd January - 10th February (6 weeks)**	
Week 10	Week 11	Week 12	Week 13	Week 14				Week 15	Week 16	Week 17
Physical – Electrode potentials		Trial preparation	Trial exams	Organic - Polymers	Holiday	Holiday		Organic – Amino acids, proteins and DNA	Physical – Acids and bases	
Half Term 3: 3rd January - 10th February (6 weeks)				**Half Term 4: 20th February – 31st March (6 weeks)**						
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	
Physical – Acids and bases	Inorganic – Period 3	Inorganic – Transition metals	Holiday	Inorganic – Transition metals	Inorganic – Reactions in aq solutions	Organic – Organic synthesis	Trial preparation	Trial exams	Organic – Structure determination	
Holiday	Holiday	**Half Term 5: 17th April – 26th May (6 weeks)**						Holiday	**Half Term 6**	
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33	
		Organic - Chromatography	Examination preparation				External examinations		External examinations	
Half Term 6: 5th June – 21st July (7 weeks)										
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39					
External examinations										

Curriculum Intent:

Through our curriculum we aim to nurture curiosity and develop students' thinking skills in an unfamiliar context, delivering the curriculum in a practical and engaging way, incorporating practical and problem solving skills.