

<b>Y10</b>	<b>Combined 2021 - 22</b>		
1 1/9	No Lessons		
2 6/9	18a Rates of Reaction	18a Rates of Reaction	
3 13/9	18b Factors affecting Rates	18b Factors affecting Rates	
4 20/9	CP6	CP6	
5 27/9 NO FRI	CP6	18c Catalysts and Activation Energy	
6 4/10	18c Catalysts and Activation Energy	Consolidation and Exam Questions (C&EQ)	MTA Rates
7 11/10	3a Structure of an atom	3a Structure of an atom	
8 18/10	3b Atomic Number and mass Number	3b Atomic Number and mass Number	
<b>OCT Half Term</b>	<b>OCT Half Term</b>	<b>OCT Half Term</b>	<b>OCT Half Term</b>
9 1/11	3c Isotopes and relative Atomic Masses	4a Elements and the periodic Table	
10 8/11	4a Elements and the periodic Table	<b>MCQ TEST ON RATES</b>	<b>MCQ TEST ON RATES</b>
11 15/11	4b Atomic Structure and the Periodic Table	4c Electronic Structure and the Periodic Table	
12 22/11 NO THURS/ FRI	4c Electronic Structure and the Periodic Table	5a Calculate p,e,n in ions. Recognise ions and molecular ions	
13 29/11	5a Formation of ions	5b Ionic Lattices	
14 6/12	5b Ionic Lattices	5c Properties of Ionic bonding	
15 13/12	5c Properties of Ionic bonding	(C&EQ)	MTA Ionic Bonding
<b>CHRISTMAS</b>	<b>CHRISTMAS</b>	<b>CHRISTMAS</b>	<b>CHRISTMAS</b>
16 3/1	6a Covalent Bonding	6a Covalent Bonding	
17 10/1	7a Molecular Compounds	7a Molecular Compounds	
18 17/1	7b allotropes of carbon	7b allotropes of carbon	
19 24/1	7c Properties of Metals	7c Properties of Metals	
20 31/1	7d Bonding Model	7d Bonding Models	
21 7/2	(C&EQ)	<b>Test on Bonding</b>	<b>Test on Bonding</b>
<b>FEB Half Term</b>	<b>FEB Half Term</b>	<b>FEB Half Term</b>	<b>FEB Half Term</b>
22 21/2 NO MON	8a acids and indicators	8a acids and indicators	
23 28/2	8b Concentration of acids	8b Concentration of acids	
24 7/3	8c Bases and salts theory	CP3	
25 14/3	CP3	8d Alkalis and neutralisation	MTA CP3
26 21/3	CP2	CP2	

27 28/3	8e Titration to make a salt	8e ions and neutralisation	MTA CP2
EASTER	EASTER	EASTER	EASTER
28 18/4 NO MON	8f acids & metals	8f acids and carbonates	
29 25/4	8g Solubility	8g preparation of insoluble salts	
30 2/5 NO MON	9a Relative Formula mass	9a prac Empirical Formulae	
31 9/5	9b Conservation of Mass	9b Conservation of Mass	
32 16/5	9b Conservation of Mass practical	9c moles	
33 23/5	9c moles	(C&EQ)	
MAY Half Term	MAY Half Term	MAY Half Term	MAY Half Term
34 6/6	11a reactivity of metals	11a displacement reactions	
35 13/6	Test on C8&C9	11b Extraction of metals	Test on C8&C9
36 20/6 NO FRI	Y10 EXAMS	Y10 EXAMS	Y10 EXAMS
37 27/6	Y10 EXAMS	Y10 EXAMS	Y10 EXAMS
38 4/7	11b Biological methods of metal extraction (H only)	11c Reduction of metal ores	
39 11/7	11c Corrosion is oxidation	11d Recycling Metals & LCA	
40 18/7	Catch Up	Catch Up	

Y11	Combined 2021-2022		
1 1/9	No lessons	No lessons	
2 6/9	Review of 21 a &b Early Atmosphere and Changing Atmosphere	21c The atmosphere today	
3 13/9	21c The atmosphere today	21d Climate Change	
4 20/9	21d Climate Change	C&EQ	
5 27/9 NO FRI	17a Group 1	17a Group 1	
6 4/10	17b Group 7	17b Group 7	
7 11/10	Test on topic 21	17c Halogen Reactivity	Test on topic 21
8 18/10	17c Halogen Reactivity	17d Group 0	
OCT Half Term	OCT Half Term	OCT Half Term	OCT Half Term
9 1/11	19a Exo and Endothermic reactions	19a Exo and Endothermic reactions practicals	
10 8/11	19a Simple reaction profiles	19b Reaction Profiles with Ea	
11 15/11	19b Bond Energy Calcs	19b Bond Energy Calcs	
12 22/11 NO THURS/FRI	REVIEW PAPER 1 CONTENT	REVIEW PAPER 1 CONTENT	
13 29/11	REVIEW PAPER 1 CONTENT	REVIEW PAPER 1 CONTENT	
14 6/12	MOCKS 1	MOCKS 1	MOCKS 1
15 13/12	MOCKS 1	MOCKS 1	
CHRISTMAS	CHRISTMAS	CHRISTMAS	CHRISTMAS
16 3/1	20a Hydrocarbons in crude oil	20a Hydrocarbons in crude oil	
17 10/1	20b Fractional Distillation of Crude Oil	Test on topics 17 & 19	Test on topics 17 & 19
18 17/1	20b Fractional Distillation of Crude Oil	20c Alkanes	
19 24/1	REVIEW MOCK 1	20c Alkanes	
20 31/1	20d Combustion	20e Combustible fuels & pollution	MTA Fuels
21 7/2	20f Breaking down hydrocarbons – cracking	REVIEW PAPER 2 CONTENT	
FEB Half Term	FEB Half Term	FEB Half Term	FEB Half Term
22 21/2 NO MON	MOCKS 2	MOCKS 2	MOCKS 2

23 28/2	REVIEW OF CORE PRACTICAL 1a	REVIEW OF CORE PRACTICAL 1b	
24 7/3	REVIEW OF CORE PRACTICAL 2	REVIEW OF CORE PRACTICAL 3	
25 14/3	REVIEW OF CORE PRACTICAL 4	REVIEW OF CORE PRACTICAL 5	
26 21/3	CORE PRACTICAL PAPER		CORE PRACTICAL PAPER
27 28/3			
EASTER	EASTER	EASTER	EASTER
28 18/4 NO MON			
29 25/4			
30 2/5 NO MON			
31 9/5			
32 16/5			
33 23/5			
MAY Half Term	MAY Half Term	MAY Half Term	MAY Half Term
34 6/6			
35 13/6			
36 20/6 NO FRI			
37 27/6			
38 4/7			
39 11/7			
40 18/7			