



**MAYO COLLEGE**  
**Academic Curriculum - 2021-22**  
**Subject - Chemistry**  
**CLASS – XII**

<b>ASSESSMENT 1</b>	<b>ASSESSMENT 2</b>	<b>HALF YEARLY</b>	<b>PRE BOARDS</b>
Ch- 1 Solid State	Ch-3 Electrochemistry	Whole Syllabus	Whole Syllabus
Ch-2 Solutions	Ch-4 Chemical Kinetics		
Ch-6 General Principles of Isolation of Elements	Ch-5 Surface Chemistry		
Ch-7 p-block elements	Ch-10- Haloalkanes		
Ch-8 d-block elements	Ch-11 Alcohols , Phenols and Carboxylic acids		
Ch-9 Coordination Chemistry	Ch-14 Biomolecules		



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<b>ASSESSMENT 1</b>	<b>ASSESSMENT 2</b>	<b>HALF YEARLY</b>	<b>FINALS</b>
Basic concepts of Chemistry	Basic concept of Chemistry	Atomic Structure	Syllabus till Half Yearly in addition to following chapters
Atomic structure	Atomic structure	Periodic Classification of elements	Nomenclature, Isomerism, Mechanism of chemical reactions
	Periodic Classification of chemistry	Chemical bonding	Alkane, Alkene, Alkyne and Benzene
	Chemical Bonding	Thermodynamics	
		Chemical and ionic equilibrium	
		Hydrogen	
		s-Block	



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<b>PERIODIC ASSESSMENT – 1</b>	<b>PERIODIC ASSESSMENT - 2</b>	<b>PERIODIC ASSESSMENT – 3</b>	<b>PRE BOARD</b>
Chemical Reactions and equations	Metals and non-metals	Chemical reaction and equations	Chemical reaction and equations
Acid, Base and salts	Carbon and its compounds	Acid, base and salts	Acid, base and salts
		Metals and non-metals	Metals and non-metals
		Carbon and its compounds	Carbon and its compounds
		Periodic Classification of elements	Periodic Classification of elements



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<b>ASSESSMENT 1</b>	<b>ASSESSMENT 2</b>	<b>HALF YEARLY</b>	<b>FINALS</b>
Matter in our surroundings	Matter in our surroundings	Atoms and molecules	Matter in our surroundings
	Is matter around us pure	Structure of atom	Is matter around us pure
			Atoms and molecules
			Structure of Atom



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**CLASS – VIII**

<b>ASSESSMENT 1</b>	<b>ASSESSMENT 2</b>	<b>HALF YEARLY</b>	<b>FINALS</b>
Energy Changes	Salts	Salts	Salts
	Energy changes	Energy Changes	Energy Changes
		Reactivity	Reactivity
			Rate of reaction
			Material Properties