

Chemistry Annual & Weekly Syllabus Split-Up - (2026-27)

Grade-X

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	teaching aid /Resources	Activities	class room videos LINK	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment	
2	APRIL	25		Chapter-01, Chemical reactions and equations	Types of chemical reactions, Combination, Decomposition, Displacement reaction, Double displacement reaction, Redox reaction, Oxidation and reduction.					Distinguish combination and displacement reaction Solve balance chemical equations	https://drive.google.com/drive/folders/1sNcOF2cR0UGDxcaFTiHEE9hfucUB?usp=drive_link	Solve the equation, MCQ, Assertion & Reason & Class Test	
			Week 1		5	Rancidity and corrosion, NCERT Exercise discussion, Assignment work distribution, Notebook checking.		Burning of magnesium ribbon		Distinguish combination and displacement reaction Solve balance chemical equations			
			Week 2		5	NCERT Exercise discussion, Assignment work distribution, Notebook checking.	Easi board / NCERT Text book	Activity -1.5 & 1.6					
			Week 3		4	Introduction to Acids and Bases, Chemical properties of acids and bases,	Mid April Exam, Chap-01						
			Week 4		6	Chapter-02, Acids, Bases and Salts		Reaction of acids with carbonates and metal hydrogen carbonates, metal oxides with acids, Acids, bases in water solution.	Easi board / NCERT Text book	Activity -2.13 & 2.14	Maths: Draw table and compare the number of atoms from reactant and product of the chemical equations.		
			Week 5		3	Chapter-02, Acids, Bases and Salts		How strong is acids and bases, Importance of pH in everyday life, more about salts.	HOME WORK WORKSHEET-01				
3	JUNE	20	Week 1	0	SUMMER BREAK	4th MAY 2025 to 7th JUNE 2025							
			Week 2	6	Chapter-02, Acids, Bases and Salts	Chemicals from common salt, Electrolysis of Brine, Bleaching powder, Baking soda, Washing soda	Easi board / NCERT Text book	Activity - 2.1, 2.2 & 2.3					
			Week 3	6	Chapter-02, Acids, Bases and Salts	are crystals really Dry?, Plaster of paris	Easi board / NCERT Text book						
			Week 4	6	Chapter-02, Acids, Bases and Salts	NCERT Exercise discussion, Assignment work distribution, Notebook checking.	Easi board / NCERT Text book		https://youtu.be/ZVHUbV12Uzc Easi board				
			Week 5	1	Chapter-02, Acids, Bases and Salts	NCERT Exercise discussion, Assignment work distribution, Notebook checking.							
			Week 1	5	Chapter-02, Acids, Bases and Salts	Revision for Periodic test-1, Chap-02	Easi board / NCERT Text book						

4	JULY	27	Week 2	6	Chapter-03, Metals and Non-metals	Physical properties of metals and non-metals, Chemicals properties of metals, Metal burning in air.	Easi board / NCERT Text book	Activity -3.5 & 3.6			Explain Acidic and basic behavior of salts and solutions Solve numerical problems involving momentum Observe laws of motion in real-life situations	learn the equations,MC Q,Assertion &Reason & Class Test	
			Week 3	6	Chapter-03, Metals and Non-metals	Metal reaction with acids, water, metal salts. Electronic configuration of elements, Formation of compounds, Properties of ionic compounds	Easi board / NCERT Text book				https://drive.google.com/drive/folders/1sNcOF2cRoUGDxcaFTi_i_HEE9hfucUB?usp=drive_link		
			Week 4	6	Chapter-03, Metals and Non-metals	Occurrence of metals and extraction ,Refining of metals,Roasting, Smelting, Reduction, corrosion and prevention		Activity -3.13					
			Week 5	4	Chapter-03, Metals and Non-metals	NCERT Exercise discussion, , Assignment work distribution, Notebook checking.							
			Week 1	2	Chapter-03, Metals and Non-metals	Revision Pre mid term , Chap-03							
5	AUGUST	24	Week 2	5	Revision of chapter-1,	Introduction of chapter-04,carbon history	Printed worksheets						
			Week 3	5	Chapter-04, Carbon and its compounds	learn to draw Covalent bonds between between various non-metals (Hydrogen, Nitrogen etc),Allotropes of carbon,Versatile nature of carbon	Easi board / NCERT Text book				Dot structure of Nitrogen		
			Week 4	6	Chapter-04, Carbon and its compounds	Saturated and unsaturated carbon compounds, Chain Branches and Rings, Homologus series	Easi board / NCERT Text book		https://youtu.be/gipvuiuKMF4 Easi board / NCERT Text book				
			Week 5	5	Chapter-01, 02 &03 Revision	Printed worksheets related to NCERT concept	Easi board / NCERT Text book						
			Week 1	5	Term 1	Mid term Revision, Chap-01, 02 & 03	DOUBT CLEARING SESSION						
			Week 2	6	Term 1	Mid term Revision, Chap-01, 02 & 03	DOUBT CLEARING SESSION				learn the equations,MC Q,Assertion &Reason & Class Test		

6	SEPTEMBER	23	Week 3	6	Chapter-04, Carbon and its compounds	Nomenclature of carbon compounds Chemical properties of carbon compounds, Some important carbon compounds(Ethanol and ethanoic acid)	Easi board / NCERT Text book	Activity -4.3 & 4.4				Calculate number of bonds in carbon compounds Perform demonstrations and experiments showing buoyant force Apply the concept to real-life situations		
			Week 4	6	Chapter-04, Carbon and its compounds	Continuation of Nomenclature of carbon compounds Chemical properties of carbon compounds, Some important carbon compounds(Ethanol and ethanoic acid)	Easi board / NCERT Text book	Activity -4.7						
			Week 5	2	Chapter-04, Carbon and its compounds	Chapter-04, Soaps and Detergents, Internal work assignment done during diwali vacation	Easi board / NCERT Text book							
7	OCTOBER	25	Week 1	3	Chapter-04, Carbon and its compounds	NCERT Exercise discussion, , Assignment work distribution, Notebook checking.							learn the equations,MC Q,Assertion &Reason & Class Test	
			Week 2	6	Revision of chapter-1,2,3/ Idoubt clearing session for chapter-04,carbon history	DOUBT CLEARING SESSION	Printed worksheets							
			Week 3	4	Revision of chapter-1,2,3/ Introduction of chapter-04,carbon history	DOUBT CLEARING SESSION	Printed worksheets							
			Week 4	0	Diwali vacation	17th October - 1st November 2025								
			Week 5	0	Diwali vacation	17th October - 1st November 2025								
8	NOVEMBER	12	Week 1	0	Diwali vacation	17th October - 1st November 2025								
			Week 2	5		REVISION PRE-BOARD-01								
			Week 3	6		REVISION PRE-BOARD-01								
			Week 4	6	Revision based on Board Syllabus	Chapter wise revision and solving questions from various reference books	Printed worksheets & mind map						learn the equations,MC Q,Assertion &Reason & Class Test	
			Week 5	6		Chapter wise revision and solving questions from various reference books	Printed worksheets & mind map							
9	DECEMBER	21	Week 1	6	Revision based on Board Syllabus	Chapter wise revision and solving questions from various reference books	Printed worksheets & mind map							
			Week 2	6		REVISION PRE-BOARD-02	Oswal, All in one, NCERT questions							
			Week 3	6		REVISION PRE-BOARD-02	Oswal, All in one, NCERT questions							

			Week 4	2		Practise test-1 (40 marks)	Oswal, All in one, NCERT questions							
			Week 5	0			Oswal, All in one, NCERT questions							
10	JANUARY	22	Week 1	0	Revision based on Board Syllabus	REVISION PRE-BOARD-03								
			Week 2	6			REVISION PRE-BOARD-03	SAMPLE PAPER SOLVING						
			Week 3	5			REVISION PRE-BOARD-03	SAMPLE PAPER SOLVING						
			Week 4	6		Self study	SAMPLE PAPER SOLVING							
			Week 5	5		Self study	SAMPLE PAPER SOLVING							
11	FEBRUARY	23	Week 1	6	Revision based on Board Syllabus	BOARD EXAM								
			Week 2	6		BOARD EXAM								
			Week 3	5		BOARD EXAM								
			Week 4	6		BOARD EXAM								
			Week 5	0		BOARD EXAM								
12	MARCH	17	Week 1	5	Revision based on Board Syllabus	BOARD EXAM								
			Week 2	6		BOARD EXAM								
			Week 3	5		BOARD EXAM								
			Week 4	5		BOARD EXAM								
			Week 5	1										