

Annual & Weekly Syllabus Split-Up - 2026-27
Grade VIII

Subject: Chemistry

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video Link	Activities	Art Integrated project	Pedagogy Process/Teaching Strategy	Chapterwise Notes link	Assessment
1	APRIL	25	Week 1	Chapter-03, Metals and Non-metals	Definition of Elements and compounds	Easi board / SCIENTIFICA Text book	https://youtu.be/IVSF2IP4oBA?si=3cT31WF8VgsQiuVl	Activity -20 elements with symbol	Best Out of Waste (Alloy Art)	Inquiry-Based Learning		Open book Test
			Week 2	Chapter-03, Metals and Non-metals	Chemical symbols and chemical formulae , rules	Easi board / SCIENTIFICA Text book						
			Week 3	Chapter-03, Metals and Non-metals	Valency, Representing reaction and chemical	Easi board / SCIENTIFICA Text book						
			Week 4	Chapter-03, Metals and Non-metals	Physical properties of metals and non-metals	Easi board / SCIENTIFICA Text book						
			Week 5	Chapter-03, Metals and Non-metals	Chemical properties of metals and non-metals	HOME WORK WORKSHEET-01						
2	JUNE	20	Week 1	SUMMER BREAK		3rd MAY 2026 to 7th JUNE 2026					https://drive.google.com/file/d/1TO3CoZ9Gzqc47karGWOP0A2zuRXtp_6s/view?usp=drive_link	Class test
			Week 2	Periodic test-1								
			Week 3	Chapter-03, Metals and Non-metals	Uses of metals and non-metals, Text book exercise	Easi board / SCIENTIFICA Text book						
			Week 4	Chapter-03, Metals and Non-metals	Text book exercise and note book correction	Easi board / SCIENTIFICA Text book						
			Week 5	Chapter-03, Metals and Non-metals	Displacement reaction, Reactivity series of metals.	Easi board / SCIENTIFICA Text book	https://youtu.be/rw5LSQpQDl0?si=NsZfA0peThdd6iWb	Activity -CuSO4 + Fe --> FeSO4 +Cu	Constructivist Approach			
3	JULY	27	Week 1	Chapter-03, Metals and Non-metals	Uses of metals and non-metals, Text book exercise	Easi board / SCIENTIFICA Text book			"Metals Around Us" Collage: Create a collage using images or real samples (aluminium foil, iron nails, copper wires) to demonstrate the property of lustre and ductility.	Constructivist Approach		Class test
			Week 2	Chapter-03, Metals and Non-metals	Text book exercise and note book correction	Easi board / SCIENTIFICA Text book						
			Week 3	Chapter-04, Combustion and flame	Definition of combustion, combustibile and non-	Easi board / SCIENTIFICA Text book						
			Week 4	PRE MID EXAM								
			Week 5	Chapter-04, Combustion and flame	CO2 based fire extinguisher, Text book		https://youtu.be/YfwE4_WFuJA?si=3NRqaIOx_3fPNQoF	Activity- Pg- 73				
4	AUGUST	24	Week 1	Chapter-04, Combustion and flame	Text book exercise and note book correction	Printed worksheets			Fire Triangle Diorama	Constructivist Approach		Class test
			Week 2	Chapter-04, Combustion and flame	Text book exercise and note book correction	Printed worksheets						
			Week 3	Chapter-03& 04, Revision	DOUBT CLEARING SESSION CHAPTER WISE	Easi board / SCIENTIFICA Text book		Printed worksheets				
			Week 4	Chapter-03& 04, Revision	Mid term Revision, Chap-03 & 04	Easi board / SCIENTIFICA Text book		Printed worksheets				
			Week 5	Chapter-03& 04, Revision	Mid term Revision	Easi board / SCIENTIFICA Text book						
5	SEPTEMBER	23	Week 1	Term 1								
			Week 2	MID TERM ANSWERSCRIPT DISCUSSION								
			Week 3	Chapter-05, Coal and petroleum	introduction to Fuels, types of fuels	Easi board / SCIENTIFICA Text book						
			Week 4	Chapter-05, Coal and petroleum	Efficiency of fuels, Characteristics of an ideal	Easi board / SCIENTIFICA Text book	https://youtu.be/PBzMJTLwF0?si=hyFRzW6nsEOrntVf	Quick check pg-80	Comparative Analysis	Open book Test		
			Week 5	Chapter-05, Coal and petroleum	Fossil fuels, formation of coal, formation of destructive distillation of coal, petroleum and	Easi board / SCIENTIFICA Text book		Quick check pg-88	Storyboarding/Visual Aids			
Week 3	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets			Demonstration/Flowcharts	Class Test					
Week 4	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets									
Week 5	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets									
6	OCTOBER	25	Week 1	Chapter-05, Coal and petroleum	Fossil fuels, formation of coal, formation of destructive distillation of coal, petroleum and	Easi board / SCIENTIFICA Text book	https://drive.google.com/file/d/1c1VvH_19uhrSlnuXkEsJYSY3vLm_5nj/view?usp=drive_link		Poster: Renewable vs. Non-renewable: A creative poster comparing the usage of fossil fuels with renewable alternatives (solar, wind) to "Save Energy"	Storyboarding/Visual Aids		Class Test
			Week 2	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets						
			Week 3	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets						
			Week 4	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets						
			Week 5	Chapter-05, Coal and petroleum	Text book exercise and note book correction,	Printed worksheets						
7	NOVEMBER	12	Week 1	Diwall vacation								
			Week 2	Diwall vacation								
			Week 3	Diwall vacation								
			Week 4	Chapter-05, Coal and petroleum	Text book exercise and note book correction	Easi board / SCIENTIFICA Text book						
			Week 5	Chapter-05, Coal and petroleum	ENRICHING OF CHAPTER WITH WORKSHEETS/ Note	Easi board / SCIENTIFICA Text book						
			Week 1	Chapter-12, Some natural phenomena	Introduction to natural phenomena, electric	Easi board / SCIENTIFICA Text book		Activity pg-208 Pinnacle		Constructivist Approach		Open book Test

8	DECEMBER	21	Week 2	6	Chapter-12, Some natural phenomena	Electrical charging of an obj	Easi board / SCIENTIFICA Text book	https://youtu.be/R9QFvkaNg_1?si=hQgeN5WFMUjoVvKhm		Seismograph Functional Model:	Demonstration/Flowcharts	
			Week 3	6	Chapter-12, Some natural phenomena	Charging by induction. Transfer of charges,	Easi board / SCIENTIFICA Text book		Pg-212,Gold-leaf electroscope experiment		Demonstration	Class test
			Week 4	4	Chapter-12, Some natural phenomena	Text book exercise related to charging till pg-213 only	Easi board / SCIENTIFICA Text book		Quick check pg-214		Discussion	
			Week 5	3	Chapter-12, Some natural phenomena	Text book exercise related to charging till pg-213 only	Easi board / SCIENTIFICA Text book		Quick check pg-214		Discussion	https://drive.google.com/file/d/1VKpgW9Qy2MHP18bf08INi4i106E018Ku/view?usp=drive_link
9	JANUARY	22	Week 1	0	Winter Vacation					Seismograph Functional Model:		
			Week 2	6	Chapter-12, Some natural phenomena	Revision Post mid term- Chap-12	Easi board / SCIENTIFICA Text book		Short worksheet to be pasted in interleaf			
			Week 3	5	Chapter-12, Some natural phenomena	Lightning, the process of lightning and thunder	Printed worksheets	https://youtu.be/tKVadXBlyLA?si=T4BLCMIHNY1hMdtG	Seismograph model			
			Week 4	6	Chapter-12, Some natural phenomena	Lightning conductor, earthquakes, causes of	Printed worksheets				Storyboarding/Visual Aids	
			Week 5	5	Chapter-12, Some natural phenomena	Volcanic eruptions, measuring the magnitude	Easi board / SCIENTIFICA Text book		Quick check pg-222		Discussion	Class test
10	FEBRUARY	23	Week 1	6	Chapter-12, Some natural phenomena	Text book exercise related to lightning, earthquake	Easi board / SCIENTIFICA Text book			Seismograph Functional Model:		
			Week 2	6	Chap-3, 5 & 12	INTERVAL MARKS DISTRIBUTION ON VARIOUS	Easi board / SCIENTIFICA Text book					
			Week 3	5	Chap-3, 5 & 12	Short worksheets chapter wise will be distributed to			Printed worksheets			
			Week 4	6	Chap-3, 5 & 12	TERM -II REVISION AND DOUBT CLEARING SESSION			Printed worksheets			
			Week 5	NA		TERM -II REVISION AND DOUBT CLEARING SESSION						
11	MARCH	17	Week 1	5	Annual Examination					Seismograph Functional Model:		
			Week 2	6								
			Week 3	6								
			Week 4	5								
			Week 5	3								