

Class: (IX)

(Work Plan: Week 8 & 9)

Week	Day	Chapter	Page	Content	Reference (Book)	
8		Metallurgy : Extraction and Uses of Metals (Purification of Metals)				
		15	160-161	1. Objectives 2. Metal ores	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
				3. Methods of extraction and the reactivity series 4. " Purification of metals is a reduction process" 5. Alloys : composition, properties		
		Extraction of Iron				
		22	289-292	1. Ores: Names and formulae 2. Blast furnace : design	Certificate Chemistry --- Arthur Atkinson	
		15	160-161	3. Raw materials 4. Reactions taking place at different parts of blast furnace 5. Lime stone : purpose of use in the blast furnace 6. Pig iron, wrought iron, steel, stainless steel	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		Extraction of Aluminium				
		15	162-166	1. Ores 2. <i>Crolite</i> : its purpose of use 3. "Why can't be extracted as iron"	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		22	285-288	4. Some metals and their alloys : Properties and uses	Certificate Chemistry --- Arthur Atkinson	
		States of Matter				
9		1	3-13	1. Physical and chemical changes: solid, liquid, and vapour 2. Change of the states of mater : (solid → liquid → vapour), (vapour → liquid →solid), (solid → vapour), and (vapour → solid) 3. Movement of particles : the diffusion	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		1	1 - 11	1. Solubility : definition, determination, solubility curve	Certificate Chemistry --- Arthur Atkinson	

				<p>2. Solution : Solute, solvent, definition, saturated and unsaturated solutions</p> <p>3. Melting point and Boiling point : definition and determination</p> <p>4. Crystals, water of crystallization, determination of the water of crystallisation</p>	



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Md Habibur Bahar

Chemistry teacher