

Gases

Week	Day	Chapter	Page	Content	Reference (Book)	
1	Wednesday			Laboratory Methods of Preparation		
		13	142	Carbon dioxide (CO ₂)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		16	185		Certificate Chemistry ---Arthur Atkinson	
		5	49	Hydrogen (H ₂)	Certificate Chemistry ---Arthur Atkinson	
		4	38	Oxygen (O ₂)	Certificate Chemistry ---Arthur Atkinson	
		18	215	Ammonia (NH ₃)	Certificate Chemistry ---Arthur Atkinson	
		21	261	Chlorine (Cl ₂)	Certificate Chemistry ---Arthur Atkinson	
	Thursday				Laboratory Methods of Identification/Reaction	
		16	186	Carbon dioxide (CO ₂)	Certificate Chemistry ---Arthur Atkinson	
		18	191		Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		18	191	Hydrogen (H ₂)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		13	141		Certificate Chemistry ---Arthur Atkinson	
		5	48, 52, 53		Certificate Chemistry ---Arthur Atkinson	
		4	39, 40	Oxygen (O ₂)	Certificate Chemistry ---Arthur Atkinson	
		13	140, 141		Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
1		6	Ammonia (NH ₃)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
10		102				
17		186				
1		7				
16		169				
17	176					
18	217, 218, 219, 220 221					
				Certificate Chemistry ---Arthur Atkinson		
		21	262 - 267	Chlorine (Cl ₂)	Certificate Chemistry ---Arthur Atkinson	



Md. Habibul Bahar

Chemistry teacher

Chemical Test

Week	Day	Chapter	Page	Content	Reference (Book)		
2	Wednesday			Laboratory Test (Testing for Ions)			
		18	192	Water (H ₂ O)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
		1	07			Certificate Chemistry ---Arthur Atkinson	
		18	193	Copper (II), Cu ²⁺	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
		26	336			Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		18	193	Iron (II), Iron (III) Fe ²⁺ , Fe ³⁺	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
		26	340			Certificate Chemistry ---Arthur Atkinson	
		18	194	Ammonium (NH ₄ ⁺)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
		26	340			Certificate Chemistry ---Arthur Atkinson	
		Thursday	Flame Test (Metal Cations)				
	26		337	Li ⁺ , Na ⁺ , K ⁺ , Cu ²⁺ , Ca ²⁺ , Ba ²⁺	Certificate Chemistry ---Arthur Atkinson		
	18		193			Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
	3	Wednesday and Thursday	Dry Test (Anions, Action of conc H ₂ SO ₄)				
			26	338	Cl ⁻ , Br ⁻ , and I ⁻	Certificate Chemistry ---Arthur Atkinson	
Wet Test (Test in solution)							
26			338 - 341	Cl ⁻ , Br ⁻ , and I ⁻	Certificate Chemistry ---Arthur Atkinson		
18		195, 196	CO ₃ ²⁻ , SO ₄ ²⁻	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel			
Titration (Quantitative Analysis)							
25		325 -332	Acid-Base Titration	Certificate Chemistry ---Arthur Atkinson			
16		170, 171, 181, 182		Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel			

Salts

Week	Day	Chapter	Page	Content	Reference (Book)	
4	Wednesday	Preparation				
		17	173 - 187	1. Acid-Base Reaction (neutralisation reaction)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
				2. Reactive Metals + Acids	Certificate Chemistry ---Arthur Atkinson	
		10	119, 121, 123 -128	3. Metal Oxides + Acids	Certificate Chemistry ---Arthur Atkinson	
		13	152, 159	4. Precipitation Reaction		
				5. from One salt to Another (water-soluble salts)		
				6. from Reactive Metals + soluble Salts		
			7. from Salts + Acids			
	Thursday	Crystalline Salts : Copper(II) sulphate pentahydrate, $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ (Blue Vitriol)				
		17	179	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ (Blue Vitriol)	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		10	123 - 129		Certificate Chemistry ---Arthur Atkinson	
		17	180	Magnesium Sulphate Crystals	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel	
		Making Sodium, Potassium, Ammonium Salts				
17		181 - 182	MgSO_4 , K_2SO_4 , and Na_2SO_4	Edexcel International GCSE CHEMISTRY ,Student Book --- Clark, Owen & Rachel		
Iron (II) sulphate-7-water						
	10	125	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ (Green Vitriol)	Certificate Chemistry ---Arthur Atkinson		



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