

Senior School, Gulshan
CLASS: IX (A, B)
SUBJECT: Chemistry
TEACHER: Mr. Shafiqun Nabi and Md. Tawsif Islam
MONTH: March 2020

Day	Lesson 1 18.03.2020	Lesson 2 19.03.2020	Lesson 3 22.03.2020	Lesson 4 23.03.2020	Lesson 5 24.03.2020
Topic/Chapter	The Alkali Metals	The halogens	The halogens	Reactivity series	Reactivity series
Page number	Pg. 123-129	Pg. 130-131	Pg. 132-134	Pg. 146-147	Pg. 147
OBJECTIVE:	1. Group 1 element and its physical properties. 2. Reactions of lithium sodium and potassium with water and oxygen and their observations.	1. Trend in physical properties of halogens. 2. Reactions of halogens.	1. Displacement reactions involving halogens. 2. Trend in reactivity of halogens.	1. Displacement reactions involving metal oxides. 2. Oxidation and reduction.	1. Reducing agent and oxidizing agent.
QUESTIONS:	1. Differentiate between the reactions of sodium and potassium with water. 2. How are the different alkali metals stored and handled?	1. What are trend in physical properties of halogens.	1. Explain displacement is a redox reaction. 2. Why does the reactivity of halogens decreases going down the group.	1. Write the word and symbol equations of metal and metal oxides. 2. give the definition of oxidation and reduction.	1. Define reducing and oxidizing agent.
Homework	Read the book from page 123-129	Learn table 2.1 pg. 130	Solve all the questions in pg.135-136 (1-3)	Pg. 146 learn figure 14.4	Worksheet 1

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Day	Lesson 1 25.03.2020	Lesson 2 29.03.2020	Lesson 3 30.03.2020	Lesson 4 31.03.2020	Lesson 5 01.04.2020
Topic/Chapter	Reactivity series	Reactivity series	Chemical Formulae, Equations and Calculations: Part 2		
Page number	Pg. 148-149	Pg. 150-151	Pg. 64-74		
OBJECTIVE:	1. Displacement Reactions involving solution. 2. Oxidizing and reducing agent in terms of electrons.	1. Metals reactions with water and steam.	1. calculation involving gas volumes 2. The volume occupied by 1 mole gas	1. Working with solution concentration. 2. Calculations from chemical equations.	1. Concept of excess and limiting reagent.
QUESTIONS:	1. Write the ionic equation of copper(II) sulfate solution and zinc.	1. Why magnesium doesn't react with cold water?	1. Define molar volume.	1. What is concentration of a .05 mol/	1. What is a limiting reagent?
Homework	Pg. 157-158 solve the question 1 and 2	Pg. 158 solve the questions 3 and 4	Pg. 74 solve question 1	Pg. 62 No. 13 and 14.	Worksheet 2

