



Semester: 1

2025 – 2026

Grade Level		12	Subject: Honor Chemistry	
Teacher(s) Name		Maitham shakir		
Textbook		Chemistry, Chang		
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug.25 th	Aug.29 th	Diagnostic Revision + Scientific Methods	HS-PS1-1
2	Sept. 1 st	Sept. 5 th	11.1 The Composition of Solutions 11.2 The Solution Process 11.3 Factors That Affect Solubility	HS-PS1-3
3	Sept.8 th	Sept.12 th	11.4 Measuring Concentrations of Solutions	HS-PS1-7 HS-PS1-2
4	Sept. 15 th	Sept.19 th	11.5 Quantities for Reactions That Occur in Aqueous Solution	HS-PS1-7 HS-PS1-2

5	Sept.22 nd	Sept.26 th	11.6 Colligative Properties	HS-PS1-7 HS-PS1-2
6	Sept. 29 th	Oct.3 rd	13.1 What Are Acids and Bases?	HS-PS1-7 HS-PS1-2
7	Oct.6 th	Oct.10 th	PROJECT WEEK Q1 (Models/3D)	HS-PS1-7
8	Oct.13 th	Oct.17 th	13.2 Strong and Weak Acids and Bases	HS-PS1-2
9	Oct.20 th	Oct.24 th Oct 24 End of Quarter 1	13.3 Relative Strengths of Weak Acids	HS-PS1-7
10	Oct.27 th	Oct.31 st	13.3 Relative Strengths of Weak Acids	HS-PS1-2
11	Nov.3 rd	Nov.7 th	13.4 Acidic, Basic, and Neutral Solutions 13.5 The pH Scale	HS-PS1-7
12	Nov.10 th	Nov.14 th	13.6 Buffered Solutions	HS-PS1-2
13	Nov.17 th	Nov.21 st	12.1 Reaction Rates 12.2 Collision Theory	HS-PS1-7
14	Nov. 24 th	Nov.28 th	PROJECT Q2 (2 sessions for poster)	HS-PS1-2
15	Dec.1 st	Dec.5 th	12.3 Conditions That Affect Reaction Rates	HS-PS1-1 HS-PS1-3
16	Jan 5 th	Jan 9 th	12.4 Chemical Equilibrium	HS-PS1-2 HS-PS1-5

17	Jan 12 th	Jan 16 th	<u>12.5 The Equilibrium Constant</u>	HS-PS1-2 HS-PS1-5
18	Jan 19 th	Jan 23 rd	<u>12.6 Le Chatelier's Principle</u>	HS-PS1-1 HS-PS1-7
19	Jan 26 th	Jan 30 th	Semester 1 Exams: Jan 22 nd to Jan 30 th	
Winter Break for Students: Dec 8 to Jan 4				