



D.M.PUBLIC SCHOOL

PARSIA, PUTKI, DHANBAD

Fortnightly Syllabus Planning (2024-25)

Class: IX

Subject: CHEMISTRY

New Session begins on 4th April, 2024

Sl No	Duration	No. of Teaching Days	Syllabus to be covered
1	5 th April - 15 th April	7	CHAPTER- 1 MATTER IN OUR SURROUNDINGS Introduction Defination, Examples
2	16 th April – 30 th April	7	States of matter viz Solid,Liquid,Gas. Properties,Brownian movement,
3	1 st May – 15 th May	7	Diffusion,Types of Diffusion, Latent Heat of fusion,Latent Heat of Vaporization, Density, Experimental verification,
4	16 th June – 30 st June	7	Vaporisation and Evaporation,Factors affecting Evaporation, Applications based on Evaporation. Numericals (Revision)
5	1st July – 9th July - PRE MID TERM EXAMINATION		
6	10 th July – 31 th July	14	CHAPTER- 2 Is Matter around us pure Introduction, Elements,Compounds, Mixtures, Examples
7	1 st Aug – 15 th Aug	7	Types of compounds, Types of Mixures Viz Homogenous and Heterogenous Mixtures
8	16 th Aug – 31 st Aug	7	Solution, Introduction, Types of Solution, True Solutions Examples
9	1 st Sep – 12 th Sep	7	Suspension Solution,Collidal solutions,Types Differences Between Three Solutions,Examples Revision
10	13st Sep– 1th Oct - MID TERM EXAMINATION		
11	2 st Oct – 15 th Oct	7	CHAPTER-3 ATOMS AND MOLECULES Introduction, Discovery of atoms, Laws of Chemical Combinations,

12	16 th Oct – 31 st Oct	7	Types of Chemical combinations, Statements, Examples, Questions
13	1 st Nov – 15 th Nov	7	Explanation about atoms, Symbols for Atoms, Atomic Mass upto 30 Elements
14	16 th Nov – 30 th Nov	7	For Molecules and Ions, Chemical Formula for Common Compounds, Revision.
15	2st Dec– 10th Dec - POST MID TERM EXAMINATION		
16	11 th Dec – 24 st Dec	7	CHAPTER-04 Structure of Atoms- Introduction, Charged Particles, Electrons, Protons
17	3 st Jan – 15 th Jan	7	Thomson model of an Atom, explanation, Rutherford Model of an Atoms, Scattering Experiment,
18	16 th Jan – 31 st Jan	7	Bohr Model of an atom, Neutrons, valency, Atomic Number Mass Number, Isotopes, Isobars
19	1 st Feb – 15 th Feb	7	Revision NCERT Intext and exercise questions
20	20th Feb to 8th March: Annual Examination		

Portion For Assessments

Assessment	Portion
PRE MID TERM (PT 1)	Matter in Our Surroundings
MID TERM	Matter in Our Surroundings Is matter around us Pure?
POST MID TERM (PT 2)	Atoms and Molecules
ANNUAL	Matter in Our Surroundings Is matter around us Pure? Atoms and Molecules Structure of Atoms