



D.M.PUBLIC SCHOOL

PARSIA, PUTKI, DHANBAD

Fortnightly Syllabus Planning (2024-25)

CLASS: IX

SUBJECT: PHYSICS

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 Motion Introduction Definition, Examples
2	16 th April – 30 th April	7	Rest & motion , Scalar & vector
3	1 st May – 15 th May	7	Distance & displacement, Speed & velocity, acceleration , Average speed & velocity & it's numericals
4	16 th June – 30 st June	7	Equation of motion : it's derivation & graphical analysis (Revision)
5	1st July – 9th July - PRE MID TERM EXAMINATION		
6	10 th July – 31 th July	14	CHAPTER- 2 Laws of motion Introduction, Definition , Examples
7	1 st Aug – 15 th Aug	7	Conservation of momentum & it's numericals
8	16 th Aug – 31 st Aug	7	Chapter – 3 Work , energy & Power Definition , nature & concepts
9	1 st Sep – 12 th Sep	7	Derivation & formula of k.E & P.E & it's numericals Power & commercial units
10	13st Sep– 1th Oct - MID TERM EXAMINATION		
11	2 nd Oct – 15 th Oct	7	CHAPTER-4 Gravitation Introduction & Laws of gravitation
12	16 th Oct – 31 st Oct	7	Free fall, acceleration due to gravity, Relationship between G & g.
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	Mass & Weight Pressure & thrust Buoyancy Archimedes principle NUMERICALS
15	2st Dec– 10th Dec - POST MID TERM EXAMINATION		
16	11 th Dec – 24 st Dec	7	CHAPTER-05 Sound - Introduction, Concepts of Waves & it's types Propagation of sound
17	3 st Jan – 15 th Jan	7	Terminologies related to sound , it's audible range, etc
18	16 th Jan – 31 st Jan	7	Reverbnation & Echo It's application NUMERICALS
19	1 st Feb – 15 th Feb	7	Revision NCERT Intext and excercise questions
20	20th Feb to 8th March: Annual Examination		

Portion For Assessments

Assessment	Portion
PRE MID TERM (PT 1)	Motion
MID TERM	Motion Laws of motion Work , Energy & power
POST MID TERM (PT 2)	Motion Laws of motion Work , Energy & power Gravitation
ANNUAL	Motion Laws of motion Work , Energy & power Gravitation Sound