

DELHI PUBLIC SCHOOL JAMMU
SYLLABUS BIFURCATION
SESSION- (2023-24)

CLASS-XI
(042)

SUB: Physics

Objectives of the Theory:

1. Strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject.
2. Expose the learners to different processes used in Physics-related industrial and technological applications.
3. Promote problem solving abilities and creative thinking in learners

S.NO.	MONTH	NAME OF THE CHAPTERS
1	APRIL	Ch-02 Units and Measurements Ch-03 Motion in a Straight Line ❖ Foundation worksheet to strengthen the concepts learnt in class IX
2	MAY	Ch-04 Motion in a Plane ❖ Assignment 1 on chapters 2 and 3 and sample paper to give good practice to students before FA I
3	JUNE	Ch-05 Laws of Motion ❖ Discussion and allotment of projects given by CBSE ❖ Revision of concepts through KAHOOT quiz 1
4	JULY	Ch-06 Work, Energy and Power ❖ Checking and assessment of holidays homework given in the month of June
5	AUGUST	Ch-07 System of Particles and Rotational Motion Assignment 2 on chapters 4,5 and 6 to strengthen the concepts already taught in class
6	SEPTEMBER	Ch-08 Gravitation Ch-09 Mechanical Properties of Solids ❖ Sample paper to give good practice to students before Half yearly exams
7	OCTOBER	Ch-10 Mechanical Properties of Fluids Ch-11 Thermal Properties of Matter ❖ Revision of concepts through KAHOOT quiz 2
8	NOVEMBER	Ch-12 Thermodynamics Ch-13 Kinetic Theory of Gases ❖ Class test based on MCQs and A/R ❖ Sample paper to give good practice to students before FA-II exams
9	DECEMBER	Ch-14 Oscillations

		<ul style="list-style-type: none"> ❖ Learning and practice of experiments done in School Physics Lab using virtual experiment platform through Olabs. ❖ Link of the website https://www.olabs.edu.in/
10	JANUARY	Ch-14 Waves <ul style="list-style-type: none"> ❖ Assignment 3 on syllabus for Final exam to strengthen and assessment of the concepts already taught in class.
11	FEBRUARY	Revision of the syllabus + Practical Examinations <ul style="list-style-type: none"> ❖ Practice/revision of Experiments and activities will be given to students before final practical exams
12	MARCH	Final Examinations

EXAM SCHEDULE

Syllabus of Formative Assessment-1

Chapter-2: Units and Measurements

Chapter-3: Motion in a Straight Line

Chapter-4: Motion in a Plane

Syllabus of Half-Yearly

Chapter-2: Units and Measurements

Chapter-3: Motion in a Straight Line

Chapter-4: Motion in a Plane

Chapter-5: Laws of Motion

Chapter-6: Work, Energy and Power

Chapter-7: System of Particles and Rotational Motion

Syllabus of Formative Assessment-2

Chapter-8: Gravitation

Chapter-9: Mechanical Properties of Solids

Chapter-10: Mechanical Properties of Fluids

Chapter-11: Thermal Properties of Matter

Syllabus of Final Examinations

Complete syllabus

Subject Coordinator

