

DAV Public School, Sreshtha Vihar

SYLLABUS-PHYSICS(2023-24)

CLASS- XI

SUBJECT- PHYSICS

Learning Objectives

- Strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject.
- Expose the learners to different processes used in Physics-related industrial and technological applications.
- Develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- Promote problem solving abilities and creative thinking in learners.
- Develop conceptual competence in the learners and make them realize and appreciate the interface of Physics with other disciplines.

Syllabus Distribution

Unit Test -1

Chapter–1: Units and Measurements

Chapter–2: Motion in a Straight Line

Term-1

Chapter–1: Units and Measurements

Chapter–2: Motion in a Straight Line

Chapter–3: Motion in a Plane

Chapter–4: Laws of Motion

Chapter–5: Work, Energy and Power

Unit Test-2

Chapter–6: System of Particles and Rotational Motion

Chapter–7: Gravitation

Final Term

All syllabus of term-1 and

Chapter–8: Mechanical Properties of Solids

Chapter–9: Mechanical Properties of Fluids

Chapter–10: Thermal Properties of Matter

Chapter–11: Thermodynamics

Chapter–12: Kinetic Theory

Chapter–13: Oscillations

Chapter–14: Waves