



ARMY PUBLIC SCHOOL MIRAN SAHIB



HALF-YEARLY SYLLABUS FOR XI (2025- 2026)

(SCIENCE STREAM)

S.NO	SUBJECT	SYLLABUS
1	English	The Portrait of a Lady A Photograph The Summer of the Beautiful White Horse Grammar Gap Filling Classified Advertisement Poster Debate
2	Physics	Ch-1: Units and Measurements Ch-2: Motion in a straight line Ch-3: Motion in a plane Ch 4: Laws of motion Ch-5: Work, Energy and Power
3	Chemistry	Ch-1: Some basic concepts of Chemistry Ch-2: Structure of atoms (Half) Ch-6: Redox reaction
4	Mathematics	Ch 1 : Sets Ch 2 : Relations and functions Ch 3 : Trigonometric functions Ch 4 : Complex numbers Ch 5 : Linear inequalities Ch 12 : Introduction to 3 dimensional geometry
5	Biology	Ch-1: The Living World Ch-2: Biological Classification Ch-4: Animal Kingdom Ch-5: Morphology of Flowering Plants Ch-6: Anatomy of Flowering Plants Ch-7: Structural Organisation in Animals
6	Computer Sc.	Ch -1 Computer system Ch-2 Data representation and boolean logic Ch-3 Getting started with python Ch-4 Python Programming fundamentals Ch-5 Conditional and looping constructs

7	PHE	Ch 1 :- Changing trends and career in physical education Ch 2 :- Olympism Value Education Ch 3 :- Yoga Ch 4 :- Physical Education and Sports for CWSN
8	Painting	UNIT 1 - Six limbs of art and fundamental of visual art pre-historic rock painting and art of Indus valley Unit-2 - Buddhist, Jain and Hindu art sculpture and artworks (Mauryan, Kushan, Gupta)
9	Hindustani Music	Ch-1 : Definitions - I & II Ch-2 : Style of singing (Dhrupad & Khayal) Ch-3 : Life history of musicians (Tansen) Ch-4 : Taal description (Teen Taal) Ch-5 : Raga Recognition (Raag Bhimplasi)