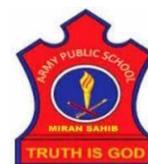




ARMY PUBLIC SCHOOL MIRAN SAHIB



HALF-YEARLY SYLLABUS FOR XII (2025- 2026)

(SCIENCE STREAM)

S.NO	SUBJECT	SYLLABUS
1	English	Flamingo 1. Deep water 2. The Rattrap 3. Indigo 4. Poets and Pancakes 5. The interview 6. Going Places Poems 1. Keeping Quiet 2. A thing of Beauty 3. A roadside stand 4. Aunt Jennifer's Tiger Writing Skill 1. Notice Writing 2. Letter to Editor 3. Job Application 4. Article Writing 5. Report Writing Comprehension Passage 1. Descriptive 2. Case based
2	Physics	Ch 1: Electric Charges and Fields Ch 2: Electrostatic potential and Capacitance Ch 3: Current Electricity Ch 4 : Moving Charges and Magnetism Ch 5: Magnetism and Matter Ch 6: Electromagnetic Induction Ch 7: Alternating Current Ch 8: Electromagnetic waves Ch 14: Semiconductor Electronics: Materials, Devices and Simple Circuits
3	Chemistry	Ch-1: Solution Ch-2: Electrochemistry Ch-3: Chemistry kinetics Ch-8: Aldehyde, ketone and Carboxylic acid Ch-9: Amines Ch-10: Biomolecules

4	Mathematics	<p>Ch 1 : Relations and functions</p> <p>Ch 2 : Inverse trigonometric functions</p> <p>Ch 3 : Matrices</p> <p>Ch 4 : Determinants</p> <p>Ch 5 : Continuity and differentiability</p> <p>Ch 6 : Application of derivatives</p> <p>Ch 7 : Integrals</p> <p>Ch 12 : Linear programming problems</p>
5	Biology	<p>Ch-1: Sexual Reproduction in Flowering Plants</p> <p>Ch-2: Human Reproduction</p> <p>Ch-3: Reproductive Health</p> <p>Ch-4: Principles of Inheritance and Variation</p> <p>Ch-7: Human Health and Diseases</p> <p>Ch-8: Microbes in Human Welfare</p>
6	Computer Sc.	<p>Chapter 1: Review of Python basics</p> <p>Chapter 2: Functions</p> <p>Chapter 3: Data file handling</p> <p>Chapter 4 : Computer Network</p> <p>Chapter 5: Relational database</p>
7	PHE	<p>Ch 1 :- Management of Sporting events</p> <p>Ch 2 :- Children and Women in sports</p> <p>Ch 3 :- Yoga as preventive measures for lifestyle disease</p> <p>Ch 4 :- Physical Education and Sports for CWSN</p> <p>Ch 5 :- Sports and Nutrition</p>
8	Painting	<p>Ch-1 Art an introduction</p> <p>Ch-2 A brief intro to indian miniature</p> <p>Ch-3 Rajsthani school of miniature painting</p> <p>Ch-4 Pahadi school of miniature painting</p> <p>Ch-5 Mughal school of miniature painting</p>
9	Hindustani Music	<p>Ch-1 : Definitions</p> <p>Ch-2 : Time Theory of Ragas</p> <p>Ch-3 : Granthas (Sangeet Parijat)</p> <p>Ch-4 : Biographies (Ustad Bade Ghulam Ali Khan and Pandit Krishan Rao Shankar)</p> <p>Ch-5 : Taal Description (Taal Dhamar)</p> <p>Ch-6 : Tuning of Tanpura</p> <p>Ch-7 : Raga Recognition (Raga Malkauns)</p>