

PKM EM SCHOOL
YEARLY SYLLABUS -2026-27
CLASS -XII(SCIENCE)

SUBJECT	PERIODIC TEST - 1	PERIODIC TEST - 2	PERIODIC TEST - 3	PRE-BOARD
CHEMISTRY	1. Solution 2. Electrochemistry 3. Chemical kinetics 10. Biomolecules	4. d and f block Elements 5. Co-ordination Compounds 6. Haloalkanes and Haloarenes 7. Alcohol, phenols & Ethers	7. Alcohol, phenols & Ethers 8. Aldehydes, Ketones & Carboxylic Acids 9. Amines	Syllabus as prescribed by CBSE
PHYSICS	1. Electric Charges and Field 2. Electrostatic Potential and Capacitance 3. Current Electricity 4. Moving Charges and Magnetism 5. Magnetism and Matter	6. Electromagnetic Induction 7. Alternating Current 8. Electromagnetic Waves 9. Ray Optics and Optical Instruments 10. Wave Optics	11. Dual Nature of Radiation and Matter 12. Atoms 13. Nuclei 14. Semiconductor Electronics: Materials	Syllabus as prescribed by CBSE
MATHEMATICS	CH.1 Relations and Functions CH.2 Inverse Trigonometric functions CH.3 Matrices CH.4 Determinants	CH.5 Continuity and Differentiability CH.6 Application of Derivatives CH.7 Integrals CH.8 Application of Integrals	CH.9 Differential Equations CH.10 Vector Algebra CH.11 Three-Dimensional Geometry CH.12 Linear Programming CH.13 Probability	Syllabus as prescribed by CBSE
BIOLOGY	Ch1. Sexual Reproduction in Flowering Plants Ch2. Human Reproduction Ch3. Reproductive health Ch4. Principles of Inheritance and Variation	Ch5. Molecular Basis of Inheritance Ch6. Evolution Ch7. Human Health and Disease Ch8. Microbe in Human Welfare	Ch9. Biotechnology: Principles and Processes Ch10. Biotechnology and Its Application Ch11. Organisms and Populations Ch12. Ecosystems	Syllabus as prescribed by CBSE



PHYSICAL EDUCATION	1. Management of sporting events. 2. Children & women in sports. 3. Psychology & sports.	1. Yoga as preventive measure for lifestyle diseases. 2. Physical education & sports for CWSN. 3. Physiology & injuries in sports	1. Sports & nutrition 2. Test & measurement in sports 3. Biomechanics & sports 4. Training in sports.	Syllabus as prescribed by CBSE
ENGLISH	Prose: 1. The Last Lesson 2. Lost Spring 3. Deep Water Poems: 1. My Mother at Sixty-Six 2. Keeping Quiet Supplementary: 1. The Third Level 2. The Tiger King Writing Skills: 1. Notice 2. Letter to Editor Reading Skills: Discursive Passage	Prose: 1. The Rattrap 2. Indigo 3. Poets and Pancakes Poems: 1. A Thing of Beauty Supplementary: 1. Journey to the End of the Earth 2. The Enemy Writing Skills: 1. Formal / Informal Invitation & Reply 2. Article Writing Reading Skills: Case Based Factual Passage	Prose: 1. The Interview 2. Going Places Poems: 1. A Roadside Stand 2. Aunt Jennifer's Tiger Supplementary: 1. On The Face of It 2. Memories of Childhood - The Cutting of My Long Hair - We Too are Human Beings Writing Skills: 1. Job Application 2. Report Writing Reading Skills: Unseen Passage	Syllabus as prescribed by CBSE

COMPUTER SCIENCE	Functions & Networking Functions: Detailed study of types (built-in, module-defined, user-defined), parameters, arguments, return values, and variable scope. Networking: Computer Networks, including evolution, transmission media, devices, topologies, and protocols	File Handling & Exception Handling File Handling: Comprehensive coverage of Text files, Binary files (using the pickle module), and CSV files (using the csv module). Exception Handling: Learning how to manage run-time errors using try-except-finally blocks	Database Management & Data Structures Database Management: Database Management, covering SQL concepts, table operations, aggregate functions, and Python-SQL connectivity. Data Structures: Understanding and implementing the Stack data structure using lists.	Syllabus as prescribed by CBSE
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Shake 15/05/2026

Principal
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