


PKM EM SCHOOL
YEARLY SYLLABUS -2025-26
CLASS – XII (SCIENCE)

SUBJECT	P.T.- 1	P.T. - 2	P.T. - 3	PRE-BOARD 1 AND 2
PHYSICS	Ch-1. Electric charges and field Ch-2. Electromagnetic potential and capacitance Ch-3. Current electricity Ch-12. Atoms Ch-14. Semiconductor	Ch-4. Moving charges and magnetism Ch-5. Magnetism and matter Ch-6. Electromagnetic induction Ch-7. Alternating current. Ch-13. Nuclei	Ch- 8. Electromagnetic waves Ch-9. Ray optics Ch-10. Wave optics Ch- 11. Dual nature of radiation and matter	Syllabus as prescribed by CBSE
CHEMISTRY	Ch -1.Solution Ch -2.Electrochemistry Ch-3.Chemical kinetics Ch-4.d and f block	Ch-5. Coordination compound Ch-6 Haloalkanes and Haloarenes Ch-10 Biomolecules	Ch - 7.Alcohols, Phenols and Ethers Ch -8.Aldehydes, Ketones and Carboxylic Acids Ch -9. Amines	Syllabus as prescribed by CBSE
MATHEMATICS	Ch-1. Relation and function Ch-2. Inverse trigonometric function Ch-3. Matrices Ch-4. Determinants	Ch-5. Continuity and differentiability Ch-7. Integrals Ch-8. Application of integrals Ch-10. Vector Algebra Ch-11.Three-dimensional geometry	Ch-6. Application of derivatives Ch-9. Differential equation Ch-12. Linear programming Ch-13. Probability.	Syllabus as prescribed by CBSE

BIOLOGY	Ch-1. Sexual reproduction in flowering plants Ch-2. Human reproduction Ch-3. Reproductive Health Ch-4. Principles of inheritance	Ch-5. Molecular basis of inheritance Ch-6. Evolution Ch-7. Human health and disease Ch-8. Microbes in human welfare	Ch-9. Biotechnology: principles and process Ch-10. Biotechnology and its application Ch- 11. Organism and population Ch-12. Ecosystem	Syllabus as prescribed by CBSE
COMPUTER SCIENCE	1. Python Revision tour -1 2. DBMS/MYSQL	1. Function 2.Exception handling 3.DBMS/MYSQL	1. Introduction to files 2. Computer Networks 3. Data structure	Syllabus as prescribed by CBSE
ENGLISH	<p><u>SEC-A (ReadingSkills)</u> 1. UnseenPassage</p> <p><u>SEC-B (Creative Writing Skills)</u> 1. NoticeWriting 2. Letter to editor</p> <p><u>SEC-C (Flamingo)</u> 1. The last lesson 2. MymotheratSixty-Six 3. Lost Spring 4. Deep Water 5. Keeping Quiet <u>Vistas</u> 1. TheThirdLevel</p>	<p><u>SEC-A (ReadingSkills)</u> 1. CaseBasedFactualPassage</p> <p><u>SEC-B (Creative Writing Skills)</u> 1. Formal/InformalInvitation&Reply 2. ArticleWriting</p> <p><u>SEC-C (Flamingo)</u> 1. The rat trap 2. Indigo 3. Poets and pancakes 4. A thing of beauty <u>Vistas</u> 1. Journey to the end of the earth</p>	<p><u>SEC-A (ReadingSkills)</u> 1. Unseen passage 2. CaseBasedFactualPassage</p> <p><u>SEC- B (Creative Writing Skills)</u> 1. Job Application 2. Report Writing</p> <p><u>SEC-C (Flamingo)</u> 1. The Interview 2. Going Places 3. A Roadside Stand 4. Aunt Jennifer's Tiger</p>	Syllabus as prescribed by CBSE

	The Tiger King	2. The enemy	<u>Vistas</u> 1. On the face of it 2. Memories of childhood <ul style="list-style-type: none"> (The cutting of my long hair) (We too are human beings)	
PHYSICAL EDUCATION	1. Management of sporting events. 2. Children & women in sports. 3. Yoga as preventive measure for lifestyle disease.	1. Physical education and sports for CWSN (children with special needs). 2. Physiology and injuries in sports 3. Psychology and sports.	1. Sports and nutrition. 2. Test and measurement in sports. 3. Biomechanics and sports. 4. Training in sports.	Syllabus as prescribed by CBSE


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