STEM SCHOOL
VIDYA NAGAR - GUNTUR
Affiliated to ICSE, New Delhi | Affiliation No : AP116

WEEK PLAN (20-01-2025 TO 25-01-2025)

GRADE: X

PRE FINAL - I - 2024-2025 SYLLABUS

English Language (Paper-1): Debate, picture composition, Story writing, Descriptive and Narrative writing, letter writing, Notice and Email, Unseen paragraph, Grammar- Tenses, preposition, questions tags, modals, if conditionals, unless, no sooner than, too...to/ so that, synthesis of sentences and transformations of sentences and other completed grammar

Literature in English (Paper-II): Drama- Julius Caesar Act 3,4 and 5, 1.With the Photographer –Stephen Leacock, 2. The Elevator – William Sleator, 3. The Girl Who Can – Ama Ata Aidoo, 4. The Pedestrian – Ray Bradbury, 5. The Last Lesson – Alphonse Daudet
POETRY:1. Haunted Houses – H.W. Longfellow, 2. The Glove and the Lions – Leigh Hunt, 3. When Great Trees fall – Maya Angelou,
4. A Considerable Speck – Robert Frost, 5. The Power of Music – Sukumar Ray.

History: I. The Indian National Moment (1857-1917), II. Mass Phase of the national movement(1915-1947), III. The contemporary World.
Civics: I. The Union Legislature ; II. The Union Executive, III. The Judiciary.

Mathematics: 1. Goods and Services Tax (G.S.T.); 2. Banking, 3. Shares and Dividends; 4. Linear Inequations, 5. Quadratic Equations in One Variable,
6. Problems based on Quadratic Equations, 7. Ratio and Proportion; 8. Remainder and Factor theorem, 9. Matrices; 10. Arithmetic Progression, 11. Geometric Progression ; 12. Reflection,13. Section and Mid- point Formula,14. Equation of a Straight Line,15. Similarity ; 16. Similarity of Triangles,17. Loci ; 18. Angle and Cyclic properties of a Circle,19. Tangent properties of Circles, 20. Constructions ; 21. Mensuration, 22. Trigonometric Identities; 23. Heights and Distance
24,25 & 26. Statistics ; 27. Probability.

Geography: 1. Interpretation of Topographical Maps-I, 2. Interpretation of Topographical Maps-II, 3. Location, Extent and Physical features of India (Through Maps Only), 4. Climate of India ; 5. Soil Resources in India, 6. Natural Vegetation ; 7. Water Resources, 8. Mineral and Energy Resources-I ;
9. Mineral and Energy Resources-II, 10. Agriculture in India - I Introduction, 11. Agriculture in India - II Food Crops, 12. Agriculture in India - III Cash Crops,
13. Manufacturing Industries in India-I (Agro Based), 14. Mineral Based Industry ; 15.Transport, 16. Waste Management- Impact of waste accumulation,
17. Waste Generation and Management- Methods of safe Disposal of waste

Computer: 1. Revision of Grade- IX, 2. Revision of Grade - IX (Conditionals), 3. Class as the Basis of all Computation, 4. User Defined Methods ; 5. Constructors,
6. Library Classes ; 7. Encapsulation, 8. Arrays ; 9. String Handling.

Note:
The tasks outlined in the weekly plan are intended to be completed throughout the week, as a weekly rather than a daily plan. If there are any unforeseen circumstances due to which the plan is incomplete, it will be carried forward to the next week.