

SRI SRI ACADEMY
FIRST TERM SYLLABUS (2024-2025)
CLASS X

ENGLISH LANGUAGE

1. Composition (1st person account, descriptive, argumentative, story-writing & picture composition)
2. Comprehension
3. Letter Writing (formal and informal)
4. Notice Writing
5. Email Writing
6. Functional grammar (tenses, preposition, synthesis of sentences & transformation of sentences)

ENGLISH LITERATURE

Drama - Julius Caesar Acts 3 & 4

Prose - 1. With the photographer

2. The Elevator

3. The Girl Who Can

Poems -1. Haunted Houses

2. The Gloves and the lion

3. When Great Trees Fall

MATHEMATICS

1. Banking
2. Linear inequations
3. Quadratic equations
4. Factorisation
5. Matrices
6. Reflection
7. Locus
8. Circles
9. Mensuration (first two exercises)
10. Trigonometrical Identities
11. Height and Distance
12. Probability
13. Shares and Dividends

HINDI

गद्य

1. अपना-अपना भाग्य
2. भेड़ें और भेड़िए
3. संदेह

पद्य

1. मेघ आए
2. वह जन्मभूमि मेरी
3. मातृ मंदिर की ओर

व्याकरण

1. पत्र -/अनौपचारिक/औपचारिक/
2. अपठित गद्यांश
3. निबंध
4. वाच्य
5. वाक्य
6. काल
7. व्यावहारिक व्याकरण
8. निर्देशानुसार वाक्य परिवर्तन
9. मुहावरे/लोकोक्ति
10. वाक्य एवं शब्द संशोधन
11. परियोजना-कार्य

HISTORY

1. Union Parliament
2. The Executive: President & Vice President of India
3. First World War
4. Rise of Dictatorships
5. Second World War
6. First War of Independence (1857)
7. Factors promoting nationalism
8. Objectives & Methods of struggle for the Early Nationalists
9. Second Phase of the Indian Nationalism
10. Muslim League & its objectives
11. Significance of the Lucknow Pact (1916)

GEOGRAPHY

1. Climate
2. Soil Resources
3. Natural Vegetation
4. Water Resources
5. Mineral and energy resources
6. Transport
7. Waste management
8. Interpretation of Topographical maps
9. Map of India : Soils, cities, minerals, climate, waterbodies, latitude longitude, plains, rivers.

PHYSICS

1. Force
2. Work, Power and Energy
3. Machine
4. Refraction of light at Plane surfaces
5. Refraction through a Lens
6. Spectrum
7. Sound
8. Current Electricity

CHEMISTRY

1. Periodic Table
2. Chemical Bonding
3. Acids Bases and Salts
4. Analytical Chemistry
5. Mole concepts & Stoichiometry
6. Electrolysis
7. Metallurgy
8. Hydrochloric acid
9. Ammonia
10. Sulphuric acid (till specified in class)

BIOLOGY

1. Transpiration.
2. Absorption by Roots.
3. Photosynthesis.
4. Chemical Coordination in Plants.
5. Structure of Chromosome, Cell Cycle and Cell Division.
6. Fundamentals of Genetics.
7. Pollution.
8. Evolution.
9. The Circulatory System.
10. The Excretory System.
11. The Endocrine System.
12. Population.

EVS

1. Controlling air pollution.
2. Addressing population.
3. Managing the urban Environment
4. Managing Soil and Land.
5. Food
6. Biodiversity
7. Energy
8. Waste

COMMERCIAL STUDIES

1. Stakeholders in Commercial Organisations
2. Marketing and Sales
3. Advertising and Sales Promotion
4. Consumer Protection
5. E - Commerce
6. Capital and Revenue Expenditure / Income
7. Final Accounts of Sole Proprietorship
8. Fundamental Concepts of Cost
9. Budgeting
10. Recruitment, Selection and Training

COMPUTER APPLICATIONS

1. Revision of Class IX Syllabus
 - Introduction to Object Oriented Programming
 - Elementary concept of Objects and Classes
 - Values and Data Types
 - Operators in Java
 - Introduction to Java & Input in Java
 - Mathematical Library Methods
 - Conditional Statements in Java
 - Iterative Construct in Java
 - Nested Loop
2. User - defined Methods
3. Class as the basis of all computation(Objects and Classes)
4. Constructors
5. Arrays (Single Dimensional Arrays)

HOME SCIENCE

Unit -3 Meal Planning

1. Balanced diet
2. Meal Planning for the family
3. Storage and Preservation of food.

Unit -1 Home Management

1. Budgeting and savings
2. Space Organisation in the kitchen
3. Home Furnishing

Unit - 2 Growth and Development during middle childhood

1. Milestones of development
2. Role of family, peer group and school
3. Learning disabilities in children

PHYSICAL EDUCATION

SECTION “A”

1. Human Growth and Development.
2. Physical Education.
3. Body types.
4. Physical Fitness.

SECTION “B”

1. Basketball.
2. Volleyball.
3. Badminton.

Art

Paper 1.

1. Still Life With Water Colour
2. Symmetrical Object Study

Paper 2.

1. Outdoor Study.
2. Flower. & Vegetable Study In Water Colour.

ECONOMIC APPLICATIONS

- Ch 1.- Demand: Law of demand and determinants of demand
Ch 2 - Supply: Law of supply and determinants of supply
Ch 3 -Elasticity of demand and supply
Ch 4 -Factors of Production: Land and Labour
Ch 5 - Factors of Production: Capital and Entrepreneur
Ch 6 - Forms of Market Structure
Ch 9 - Money and Inflation