



Mount St. Patrick Academy

Syllabus for the Academic Year 2024-25

Grade-X

English I

Book: Total English Grade X
(Morning Star Publication)

Term I

Practice Papers 1 to 7 (The Total English Book)

Term II

Practice Papers 1 to 15 (The Total English Book)

English II

**Books : Treasure Chest : A Collection of ICSE Poems and Short Stories
(Evergreen Publication)
Julius Caesar (Morning Star Publication)**

Term I

1. Drama : Julius Caesar – Acts III & IV
2. Prose (Short Stories):
 - Chapter 11. With the Photographer – Stephen Leacock
 - Chapter 12. The Elevator – William Sleator
 - Chapter 13. The Girl Who Can – Ama Ata Aidoo
3. Poetry:
 - Chapter 11. Haunted Houses – H.W. Longfellow
 - Chapter 12. The Glove and the Lions – Leigh Hunt
 - Chapter 13. When Great Trees fall – Maya Angelou

Term II

1. Drama : Julius Caesar – Acts III, IV & V
2. Prose (Short Stories):
 - Chapter 11. With the Photographer – Stephen Leacock
 - Chapter 12. The Elevator – William Sleator
 - Chapter 13. The Girl Who Can – Ama Ata Aidoo
 - Chapter 14. The Pedestrian – Ray Bradbury
 - Chapter 15. The Last Lesson – Alphonse Daudet
3. Poetry:
 - Chapter 11. Haunted Houses – H.W. Longfellow
 - Chapter 12. The Glove and the Lions – Leigh Hunt
 - Chapter 13. When Great Trees fall – Maya Angelou
 - Chapter 14. A Considerable Speck – Robert Frost
 - Chapter 15. The Power of Music – Sukumar Ray

Chemistry

Concise Chemistry

Selina Publication

FIRST TERM-

Chapter1 :Periodic Properties and Variations of Properties

Chapter-2: Chemical Bonding

Chapter -3:Study of Acids ,Bases and Salts

Chapter 4:Analytical Chemistry

Chapter-5:The Mole Concept and Stoichiometry

Chapter -6:Electrolysis

Chapter- 7:Metallurgy

Chapter-13 : Practical work

SECOND TERM:

Chapter -8: Study of Compounds A. Hydrogen Chloride

Chapter -9: Study of Compounds B. Ammonia

Chapter -10: Study of Compounds C. Nitric Acid

Chapter -11: Study of Compounds D. Sulphuric Acid

Chapter -12: Organic Chemistry

Biology

Concise Biology

Selina Publications

FIRST TERM

Chapter 2. Structure of Chromosomes, Cell Cycle and Cell Division

Chapter 3. Genetics- Some Basic Fundamentals

Chapter 4. Absorption by Roots

Chapter 5. Transpiration

Chapter 6. Photosynthesis

Chapter 7. Chemical Coordination in Plants

Chapter 8. The Circulatory System

Chapter 9. The Excretory System

SECOND TERM

Chapter 10. The Nervous System

Chapter 11. Sense Organs

Chapter 12. The Endocrine System

Chapter 13. The Reproductive System

Chapter 14. Human Evolution

Chapter 15. Population- The Increasing Number and Rising Problems

Chapter 16. Pollution- A Rising Environmental Problem

Physics

Concise Physics Selina Publication

FIRST TERM

Unit 1 - Force

Unit 2- Work, Energy and Power

Unit 3- Machines

Unit 4- Refraction of light at plane surfaces

Unit 5- Refraction through a lens

Unit 6- Spectrum

Unit 12- Radioactivity

SECOND TERM

Unit 7 – Sound

Unit 8- Current Electricity

Unit 9- Household Circuits

Unit 10- Electro-magnetism

Unit 11- Calorimetry

Geography

Total Geography

Morning Star Publications

First Term

Chapter :6. Location, extent, and physical features (only for reference)

Chapter:7. Climate

Chapter:8. Soil Resources

Chapter:9. Natural vegetation

Chapter :10. Water Resources

Chapter :11. Mineral Resources

Chapter :20. Transport

Chapter :21. Waste Management I: Impact of Waste Management

Chapter:22. Waste management II: Safe disposal of waste.

Map Work: Chapter 5 Map of India (from textbook Pg. No 42)

1.Rivers

2.Mountains, plateaus, and peaks.

3.Plains

4.Desert

5.Water bodies

6. Latitude and Longitude

Toposheet:

Chapter 1. Interpretation of Topographical Map

Chapter 2. Contours

Chapter :3 Scales and Direction

Chapter :4. Map Reading and Interpretation

Second Term

Chapter :12. Conventional sources of Energy

Chapter :13. Non-Conventional sources of Energy

Chapter :14. Agriculture -I

Chapter :15. Agriculture-II Food crops

Chapter :16. Agriculture-III Cash crops (1)

Chapter :17. Agriculture-IV Cash crops (2)

Chapter :18 Manufacturing Industries (Agro Based)

Chapter :19 Mineral Based Industries.

Map Work: Chapter 5 Map of India (from textbook Pg. No 42)

8. Direction of Winds

9.Distribution of Minerals

10.Soil Distribution

11.Cities

12.Population

History/Civics

Total History & Civics 10

Morning Star Publications

Term-I

I) The Indian National Movement (1857-1917)

1. The First War of Independence, 1857
2. Growth of Nationalism.
3. First Phase of the Indian National Movement.
4. Second Phase of the Indian National Movement.
5. The Muslim League .

II) Mass Phase of the National Movement (1915- 1947)

6. Mahatma Gandhi and the National Movement.
7. Quit India Movement
8. Forward Bloc and the INA
9. Independence and Partition of India.

Civics

I. The Union Legislature.

1. The Union Parliament.

II. The Union Executive.

2. The President and The Vice President.
3. Prime Minister and Council of Ministers.

Term -II

III. The Contemporary World.

10. The First World War.
11. Rise of Dictatorship.
12. The Second World War
13. United Nations.
14. Major Agencies of the United Nations.
15. Non- Aligned Movement.

Civics:

III. The Judiciary.

4. The Supreme court.
5. The High Courts and Subordinate Courts.

हिंदी

प्रथम परख

साहित्य -सागर

- 1) बात अठन्नी की
- 2) काकी
- 3) महायज्ञ का पुरस्कार
- 4) नेता जी चश्मा
- 5) अपना अपना भाग्य

एकांकी संचय

- 1) संस्कार और भावना
- 2) बहू की विदा
- 3) मातृ भूमि का मान

व्याकरण

सामान्य व्याकरण , प्रस्ताव - लेखन , पत्र , अपठित गद्यांश

द्वितीय परख

साहित्य - सागर

- 6) बड़े घर की बेटी
- 7) संदेह
- 8) भीड़ में खोया आदमी
- 9) भेड़ और भेड़िया
- 10) दो कलाकार

एकांकी संचय

- 4) सूखी डाल
- 5) महाभारत की सांझ
- 6) दीपदान

व्याकरण

सामान्य व्याकरण , प्रस्ताव -

लेखन , पत्र , अपठित गद्यांश

Mathematics

Book : Concise Mathematics X

(Selina Publishers)

Term I

1. Measures of Central Tendency (Mean, Median, Quartiles and Mode)
(Ls 23 and 24)
2. Banking (RD) accounts
3. Trigonometric Identities
4. Heights and Distances
5. Quadratic Equations
6. Solving problems (Based on Quadratic Equations)
7. Ratio and Proportion
8. Remainder and Factor Theorems
9. Matrices
10. Probability
11. Reflection
12. Section and Midpoint Formula
13. Equation of a Line
14. Similarity
15. Mensuration - Cylinder, Cone and Sphere

Term II

16. Loci
17. Circles
18. Tangents and intersecting Chords
19. Constructions
20. Arithmetic Progression
21. Geometric Progression
22. GST (Goods and Services Tax)
23. Shares and Dividends
24. Linear Inequations

Computer Applications

Understanding ICSE Computer Application with Blue J

I TERM

Chapter 1	Unit I to IX
Chapter 2	Library Classes
Chapter 3	Arrays
Chapter 4	String Handling

II TERM

Chapter 5	User Defined Method
Chapter 6	Objects and Classes
Chapter 7	Constructors
Chapter 8	Encapsulation Theory

मराठी

करुणाष्टक

प्रथम सत्र

पाठ.९ to पाठ.१०

व्याकरण, पत्रलेखन, निबंध लेखन

द्वितीय सत्र

पाठ.११

रंगस्पर्श

४. अबोल झाली सतार

५. चोरी झालीच नाही

द्वितीय सत्र

६. चार दिवस

*उतारा लेखन

मराठी अभ्यासक्रम (इयत्ता दहावी) (GRADE)

प्रथम सत्र

भाग -१

पाठ /कविता

१. तू बुद्धि दे (प्रार्थना)

२. संतवाणी

अ) अंकिला मी दास तुझा- संत नामदेव

आ) योगी सर्वकाळ सुखदाता- संत एकनाथ

३. शाल

४. चुडीवाला

५. ऊर्जाशक्तीचा जागर

व्याकरण-A लिंग, समानार्थी शब्द, विरामचिन्हे.

द्वितीय सत्र

भाग-२

६. रंग साहित्याचे

७. जंगल डायरी

८. हिरवंगार झाडासारखं (कविता)

९. खरा नागरिक

१०. स्वप्न करू साकार (कविता)

व्याकरण-विरुद्धार्थी शब्द, वाक्प्रचार