

St. John's School, Fatehpur
Full Syllabus – 2023-24
Class - XI

Mathematics

Unit-I (Section A)

- Chapter- 1. Sets
- 2. Relation and functions.
- 3. Trigonometry

(Section B)

- 1. Conic section

(Section C)

- 1. Statistics

Half-Yearly (Section A)

- Chapter- 4. Complex numbers
- 5. Quadratic equations
- 6. Linear inequalities
- 7. Permutation and combinations.

(Section B)

- 1. Introduction to 3D

(Section C)

- 1. Correlation analysis

Unit-II (Section A)

- Chapter- 8. Binomial Theorem
- 9. Sequence and series
- 10- Straight line

(Section B)

- 1. Mathematical reasoning

(Section C)

- 1. Index Numbers and moving average

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Full syllabus

Computer Science

Unit-I

- Chapter 1 Numbers
- Chapter 2 Encoding
- Chapter 3 Propositional, Logic, Hardware Implantation, Arithmetical operations.

Half-Yearly

- Chapter 1 Numbers
- Chapter 2 Encoding
- Chapter 3 Propositional, Logic, Hardware Implantation, Arithmetical operations.
- Chapter 4 Introduction to Java Language.

- Chapter 5 Concept of Data types
- Chapter 6 Operators and Expressions.
- Chapter 7 Conditional and Looping statements.

Unit-II

- Chapter 8 Character Handling and string Manipulations.
- Chapter 9 Arrays: Single and Double Dimensional.
- Chapter 10 Method and Constructors

Annual

Full Syllabus

English Literature

Unit-I

- FIRST UNIT TEST
- RHAPSODY (Poetry)
- *ABHISARA-THE TRYST
- PRISM(Prose)
- *A LIVING GOD
- MACBETH(Drama)
- *ACT 1 SCENE 1&2

Half-Yearly

- RHAPSODY (Poetry)
- *ABHISARA-THE TRYST
- * WHY I LIKE THE HOSPITAL
- *SONNET 116

- PRISM(Prose)
- * A LIVING GOD
- * ADVICE TO YOUTH
- *THE PAPER MENAGERIE

- MACBETH(Drama)
- ACT 1(full)

Unit-II

- RHAPSODY (Poetry)
- * DEATH OF A NATURALIST

- PRISM (Prose)
- * THE GREAT AUTOMATIC GRAMMATIZOR

MACBETH (Drama)
ACT 2 SCENE 1&2

Annual

RHAPSODY (Poetry)

- * ABHISARA-THE TRYST
- * WHY I LIKE THE HOSPITAL
- * SONNET 116
- * DEATH OF A NATURALIST
- * STRANGE MEETING
- PRISM (Prose)
- * A LIVING GOD
- * ADVICE TO YOUTH
- * THE PAPER MENAGERIE
- * THE GREAT AUTOMATIC GRAMMATIZOR
- * THANK YOU, MA'AM
- MACBETH (Drama)
- ACT 1& ACT 2

Biology

Unit-I

1. The living world
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom

Half-Yearly

1. The living world
2. Biological Classification
3. Plant Kingdom
4. Animal Kingdom
16. Digestion and absorption
17. Breathing and exchange of gases
18. Body fluid and circulation
19. Excretory product and elimination
20. Locomotion and movement
21. Neural control and coordination
22. Chemical coordination and integration

Unit-II

5. Morphology of flowering plants
6. Anatomy of flowering plants
7. Structural organisation in Animals
8. Cell- The unit of life
9. Biomolecules
10. Cell Cycle and Cell division

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Chemistry

Unit-I

Chapter 1- Some basic concepts of Chemistry
Chapter 2- Structure of atom

Half-Yearly

Chapter 3- Classification of Elements and periodicity in properties
Chapter 4- Chemical Bonding and molecular structure
Chapter 5- States of matter : Gases and liquid
Chapter 10- S Block elements
Chapter 11- p Block elements

Unit-II

Chapter 6- Chemical thermodynamics
Chapter 7- Equilibrium
Chapter 8- Redox Reaction

Annual

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English Language

Unit-I

Transformation of sentence,
Speech, Verb filling, Preposition

Half-Yearly

Composition, Comprehension,
Proposal,
Transformation of sentence, Verb filling,
Preposition

Unit-II

Article, Transformation of sentence, Verb filling,
Preposition

Annual

Full syllabus

Hindi

Unit-I

काव्य मंजरी
पाठ - 1 साखी
पाठ - 2 बाल लीला

गद्य संकलन

पाठ – 1 पुत्र प्रेम
पाठ – 2 गौरी

सारा आकाश – अध्याय – 1, 2 पूर्वाद्ध

व्याकरण – निबंध, अपठित गद्यांश, मुहावरे, लोकोक्तियाँ, अशुद्ध वाक्यों को शुद्ध करना।

Half-Yearly

काव्य मंजरी
पाठ – 1 साखी
पाठ – 2 बाल लीला
पाठ – 3 एक फूल की चाह
पाठ – 4 आ: धरती कितना देती है।

गद्य संकलन
पाठ – 1 पुत्र प्रेम
पाठ – 2 गौरी
पाठ – 3 शरणागत
पाठ – 4 सती

सारा आकाश – अध्याय – 1, 2, 3, 4, 5

व्याकरण – निबंध, अपठित गद्यांश, मुहावरे, लोकोक्तियाँ, अशुद्ध वाक्यों को शुद्ध करना।

Unit-II

काव्य मंजरी
पाठ – 5 नदी की द्वीय
पाठ – 6 तुलसीदास के पद

गद्य संकलन
पाठ – 5 आउट साइडर
पाठ – 6 दासी

सारा आकाश – अध्याय – 6, 7

व्याकरण – निबंध, अपठित गद्यांश, मुहावरे, लोकोक्तियाँ, अशुद्ध वाक्यों को शुद्ध करना।

Annual

काव्य मंजरी
पाठ – 5 नदी की द्वीय
पाठ – 6 तुलसीदास के पद
पाठ – 7 जाग तुझकरे दूर जाना है।
पाठ – 8 उद्यमी नर

गद्य संकलन
पाठ – 5 आउट साइडर
पाठ – 6 दासी
पाठ – 7 क्या निराश हुआ जाए
पाठ – 8 भक्तितन

सारा आकाश – अध्याय – 8, 9, 10

व्याकरण – निबंध, अपठित गद्यांश, मुहावरे, लोकोक्तियाँ, अशुद्ध वाक्यों को शुद्ध करना।

Value Education

Half-Yearly

Chapter 1. Personality Development .

Chapter 2. Analysing self-Image.
Chapter 3. Face your fears.
Chapter 4. Shake off shyness.
Chapter 5. Coping with failure.
Chapter 6. Stand up to Peer Pressure.
Chapter 7. Manage your Anger.

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Chapter 8. Quitting Smoking.
Chapter 9. Combating Drug Abuse
Chapter 10. Appearance counts.
Chapter 11. Manners and Etiquette.
Chapter 12. Developing Talents.
Chapter 13. The God Power.

Physics

Unit-I

Chapter-1 Physical world and measurement
Chapter-2 Kinematics
Chapter-3 Laws of motion

Half-Yearly

Chapter- 4 Work, Power and energy
Chapter- 5 Motion of a system of particles and rigid body.
Chapter- 6 Gravitation
Chapter- 7 Properties of Bulk matter

Unit-II

Chapter- 8 Heat and thermodynamics
Chapter- 9 Behaviour of perfect gas.
Chapter- 10 Oscillations and waves.

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