

YEAR PLAN - 2024 - 25

STD - XII ENGLISH LITERATURE & LANGUAGE

MONTH	DRAMA	POETRY	SHORT STORIES	TOTAL ENGLISH
JUNE	ACT III - SCENE 2, 3, 4	11, 12	12	1, 2, 3, 7, 9, 10
JULY	ACT III - SCENE 5, 6 ACT IV, SCENE 1,2	13	13	4, 5, 6
AUGUST	ACT IV SCENE 3 ACT V, SCENE 1, 2	14	14	8, 11, 12
SEPTEMBER	ACT V - SCENE 3			
OCTOBER	ACT V, SCENE 4, 5, 6,7,8	15	15	13, 14, 15
NOVEMBER	REVISION			

**YEAR PLAN 2024-2025
MATHEMATICS
CLASS XII**

Ms. Tinkle

Ms. Bindu Sebastian

MARCH

1 - Relations & Functions (half)

14 - Probability

MAY

1 - Relations & Functions (remain-half)

3 - Matrices

5 - Matrices

4 - Determinants

JUNE

6 - Continuity

15 - Probability

7 - Differentiation

Sec C Chapter 1 & 2

2 - Inverse Trigonometry

Sec C Chapter 3

JULY

9 - Application of Differentiation

10 - Maxima & Minima

11 - Integration (Ex:10.1, 10.2)

Sec B - 1

AUGUST

11 - Integration (remaining portion)

Sec B - 2, 3

12 - Definite Integrals

OCTOBER

13. Differential Equations.

Sec B - 4

Sec B - 5

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STD - XII PHYSICS

THEORY

Ms. Sona

Mr. Shon

March - Unit II [Current Electricity]	Unit I (Electrostatics)
May - Unit V (E.M.W)	Unit III (Magnetism - half)
June - Unit IV (A.C)	Unit III (Magnetism -half)
July - Unit VI (Wave optics)	Unit VI (Ray Optics)
August - Unit VII (Dual Nature of matter)	Unit IX [Semiconductor]
September - Unit VIII [Atoms & Nuclie]	Revision
October - Revision	Revision

PRACTICALS

Potentiometer I	Wheatstone's Bridge
Potentiometer II	Resistivity
Meter bridge I	Ohm's law
Meter bridge II	Displacement method
Potential Grdient	U - V Method
(2 Demonstration)	Project

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STD - XII
CHEMISTRY

MONTH	DENCY	JISHA C V
March	3. Electro chemistry	10.Halo alkenes and Haloareness
May	9. Co-ordination compounds(half)	
June	9. Remaining half	4. Chemical kinetics
July	11. Alcohols, Phenols and ethers	8. d and f block elements
August	12. Aldehydes Ketones and Carboxylic acids (half)	13.Organic compounds containing Nitrogen. (half)
September	12. remaining half	13. remaining half
October	2. Solutions	14. Biomolecules

PRACTICALS

March	Salt analysis (2)
June:	Salt analysis (3)
July:	Salt analysis (3)
August:	Volumetric Analysis (2)
September:	
October:	Analysis of organic compounds.

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STD XII - BIOLOGY-THEORY

March:

- 2 – Sexual reproduction in flowering plants.
- 5 – Principles of inheritance and variation.

May

- 7 – Origin of life.
- 8 – Evolution.
- 9 – Human evolution.

June:

- 6 – Molecular basis of inheritance.
- 15 – Organisms and populations.

July:

- 13 – Biotechnology – principles and processes.
- 14 – Biotechnology and its applications.

August:

- 10 – Human health and diseases.
- 12 – Microbes in human welfare.

September:

- 16 – Ecosystem.
- 17 – Biodiversity and its conservation.

October:

- 3 – Human reproduction.
- 4 – Reproductive health.

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Standard: XII Biology – Practicals

March:

- 1- Family: Malvaceae
- 2 – Family: Leguminosae.
- 3 – Family: Solanaceae
- 4– Family: Amaryllidaceae.

May

- 5– Spotters(i) T.S. of ovary of mammal.
- (ii) T.S. of testis of mammal.
- (iii) Germinating pollen grains.
- (iv) Types of placentation – axile, marginal, basal and parietal.
- (v) T.S. of blastula of mammal.
- (vi) Sporozoite of plasmodium.
- (vii) Entamoeba histolytica
- (viii) Ascaris-specimen.
- (ix) Ecological adaptations
 - Aquatic organism-Fish
 - Hydrophyte – Hydrilla
 - Xeric organism – Camel
 - Xerophyte – Cactus
- {x} Types of Pollination
 - Entomophilous flower
 - Anemophilous flower

June:

- 6 – Isolation of DNA from plant material.
- 7-Temporary slide preparation
 - {i} T.S. of hydrophyte stem.
 - {ii} T. S. of xerophyte leaf.
 - {iii} Germination of pollen grain in a nutritive medium.

July:

- (iv) T.S. of ovary with axile placentation.
- (v) T.S. of ovary with marginal placentation.
- (vi) T.S. of dicot and monocot seed.

- 8 – Study of arrangement of stomata on monocot and dicot leaves.

August:

Revision

- September: 9-Study of effect of enzyme (amylase) action at different temperatures.
- 10 – Study of effect of enzyme action at different pH.

October:

- 11 – Study of Soil texture
- 12 -Study of moisture content of soil.
- 13 – Study of soil pH.
- 14 -Study of soil humus
- 15 -Study of water holding capacity of soil.

COMPUTER SCIENCE (THEORY) 2024-2025		
STANDARD : XII		
MONTH	CHAP.NO	CHAPTERS
MARCH	1	BOOLEAN ALGEBRA
	2	COMPUTER HARDWARE
	12	INHERITANCE, INTERFACES AND POLYMORPHISM
JUNE	14	COMPLEXITY AND BIG O NOTATION
	13	DATA STRUCTURES (half)
JULY	13	DATA STRUCTURES (half)
	9	METHODS
	11	RECURSION
AUGUST	10	ARRAYS, STRING
	8	STATEMENTS, SCOPE
	7	VARIABLES, EXPRESSIONS
SEPTEMBER		I TERMINAL EXAM
	6	PRIMITIVE VALUES
OCTOBER	3,4	IMPLEMENTATION OF ALGORITHMS TO SOLVE PROBLEMS
	5	OBJECTS & CLASSES

COMPUTER SCIENCE (PRACTICAL) 2024-2025		
STANDARD : XII		
MONTH	PROG.NO	PROGRAMS
MARCH	1	PRIME ADAM NUMBER
	2	FASCINATING NUMBER
	3	HAMMING NUMBER
	4	VAMPIRE NUMBER
	5	LUCKY NUMBER
JUNE	6	SNOWBALL STRING
	7	VOWELS & CONSONANTS
	8	DECODE MESSAGE
	9	WORD REMOVAL
	10	WORD POTENTIAL
	11	VERTICAL BANNER
	12	OCTAL TO DECIMAL CONVERSION
JULY	13	QUIZ COMPETITION
	14	ROTATE ARRAY
	15	DOUBLY MARKOV MATRIX
	16	SHIFT ARRAY
	17	HAPPY NUMBER
	18	DISARIUM NUMBER
AUGUST	19	ADMISSION MUBER
	20	TIME IN WORDS
	21	GENERATE FUTURE DATE
SEPTEMBER	22	DETAIL BILL
	23	BANK ACCOUNT
OCTOBER	24	STACK
	25	QUEUE