

SPLIT UP SYLLABUS 2023-24**CLASS: XII****SUBJECT: ENGLISH**

MONTH	LITERATURE READER	WRITING SKILLS / GRAMMAR / ACTIVITY
APRIL	The Last Lesson Lost Spring The Third Level My Mother at Sixty-Six	<ul style="list-style-type: none">• Comprehension• Notice Writing
MAY - JUNE	The Tiger King Poets and Pancakes Keeping Quiet	<ul style="list-style-type: none">• Letter Writing(formal)
JULY	Deep Water Indigo A Thing of Beauty	<ul style="list-style-type: none">• ComprehensionArticle Writing
AUGUST	Journey to the End of the Earth The Rattrap The Enemy The Interview	Application for a job with bio data
SEPTEMBER	Half yearly Exam	
OCTOBER	A Roadside Stand Aunt Jennifer's Tigers On the Face of It	Formal/Informal Invitation and Reply
NOVEMBER	Memories of Childhood o The Cutting of My Long Hair o We Too are Human Beings	<ul style="list-style-type: none">• ComprehensionReport Writing
DECEMBER	Going Places	<ul style="list-style-type: none">• ComprehensionFormal/Informal Invitation and Reply
JANUARY	<ul style="list-style-type: none">• Revision	<ul style="list-style-type: none">• Revision
FEBRUARY	<ul style="list-style-type: none">• Revision	Revision
MARCH	Board Exam	

SUBJECT: PHYSICS (042)

MONTHS	TOPICS	ACTIVITY
APRIL	Ch1. Electric Charges and Fields	Expt.1
MAY-JUNE	Ch2.Electrostatic Potential and Capacitance Ch3. Current Electricity	Expt.2 ,Expt.3 Project, Activity Copy
JULY	Ch4. Moving Charges and Magnetism Ch5. Magnetism and Matter Ch6. Electromagnetic Induction	Expt.4,Expt.5,Expt.6
AUGUST	Ch7.Alternating Current Ch8. Electromagnetic Waves Ch9.Ray Optics and Optical instruments	Expt.7,Expt.8
SEPTEMBER	Half-Yearly Examination	
OCTOBER	Ch10.Wave Optics Ch11. Dual Nature of Radiation and Matter	
NOVEMBER	Ch12.Atoms Ch13. Nuclei Ch14. Semiconductor	
DECEMBER	Pre-Board-I	
JANUARY	Pre-Board-II	

SUBJECT: CHEMISTRY

MONTHS	TOPICS	ASSIGNMENT/ACTIVITY/PRACTICAL
APRIL-MAY	1. Solutions	<ul style="list-style-type: none">• Basic laboratory techniques
JUNE	2. Electrochemistry	<ul style="list-style-type: none">• Characterization and purification of chemical substances
JULY	3. Chemical Kinetics 4. d and f block Elements	<ul style="list-style-type: none">• Experiments based on pH
AUGUST	5. Co-ordination compounds.	<ul style="list-style-type: none">• Study of shift in equilibrium between ferric ions and thiocyanate ions by increasing/decreasing the• concentration of either of the ions.
SEPTEMBER	Revision Half-yearly	<ul style="list-style-type: none">• Revision questions and answers
OCTOBER	6. Haloalkanes and Haloarenes 7. Alcohols, Phenols and Ethers	<ul style="list-style-type: none">• Quantitative estimation
NOVEMBER	8. Aldehydes, Ketones and Carboxylic acids 9. Amines	<ul style="list-style-type: none">• Determination of cation in a given salt.
DECEMBER	10. Biomolecules	<ul style="list-style-type: none">• Determination of anion in a given salt.
JANUARY	Pre-board examinations	<ul style="list-style-type: none">• Revision questions and answers
FEBRUARY	Revision	

SUBJECT: BIOLOGY

MONTHS	TOPICS	ASSIGNMENT/ACTIVITY/PRACTICAL
APRIL-MAY	Unit- VI: Reproduction Ch 2: Sexual Reproduction in flowering Plants Ch 3: Human Reproduction	<ul style="list-style-type: none"> • Prepare a temporary mount to observe pollen germination. • Observation of pollination by different agencies. • T.S of testis and ovary.
JUNE	Ch 4: Reproductive Health	<ul style="list-style-type: none"> • T.S of blastula through permanent slides.
JULY	Unit-VII: Genetics and Evolution Ch 5: Principles of Inheritance and Variation Ch 6: Molecular Basis of Inheritance	<ul style="list-style-type: none"> • Mendelian inheritance using seeds of different colour/sizes. • Preparation of pedigree charts.
AUGUST	Ch 7: Evolution Unit-VIII: Biology and Human Welfare Ch 8: Human Health and Diseases	<ul style="list-style-type: none"> • Two plants and animals of xeric conditions and their adaptations. • Two plants and animals of aquatic conditions and their adaptations.
SEPTEMBER	Ch 10: Microbes in Human Welfare	<ul style="list-style-type: none"> • Identification of common disease causing organisms such as <i>Ascaris</i>, <i>Entamoeba</i>, <i>Plasmodium</i> etc.
OCTOBER	Unit-IX: Biotechnology and its Applications Ch 11: Biotechnology - Principles and Processes	<ul style="list-style-type: none"> • Isolate DNA from available plant material such as spinach, green pea seeds, papaya etc.

NOVEMBER	Ch 12: Biotechnology and its Application	<ul style="list-style-type: none"> • Study onion root tip to study mitosis.
DECEMBER	Unit-X: Ecology and Environment Ch 13: Organisms and Populations Ch 14: Ecosystem Ch 15: Biodiversity and Conservation	<ul style="list-style-type: none"> • Study the plant population density by quadrant method. • Study the plant population frequency by quadrant method.
JANUARY	Revision	-----
FEBRUARY	Revision	-----

SUBJECT: MATHEMATICS

MONTHS	TOPICS	ACTIVITY/ASSIGNMENT
APRIL	Matrix, Determinant	Worksheet
MAY-JUNE	Continuity and Differentiability , Application of Derivative	Conceptual Understanding, Worksheet
JULY	Inverse Trigonometry Function, Relation and Function	Conceptual Understanding by various diagram
AUGUST	Integrals, Application of Integration	Conceptual Understanding by various types problem
SEPTEMBER	Differential Equation	
OCTOBER	Vector Algebra	Worksheet
NOVEMBER	Probability, Mathematical Modelling	Conceptual Understanding by diagram
DECEMBER	Three-Dimensional Geometry	
JANUARY	Revision	
FEBRUARY	Revision	
MARCH	Board Examination	

SUBJECT: COMPUTER SCIENCE

MONTH	TOPIC	ACTIVITY/ASSIGNMENT
April	<ul style="list-style-type: none">• Python revision tour I	Lab Activity
May	<ul style="list-style-type: none">• Python revision tour II	Lab Activity
June	<ul style="list-style-type: none">• Working with Function• File handling• Recursion	Lab Activity
July	<ul style="list-style-type: none">• Data visualization• Data structure	Lab Activity
August	<ul style="list-style-type: none">• Computer networking + Revision	Making presentation
September	Revision + Half Yearly Examination	-----
October	<ul style="list-style-type: none">• My SQL• Database connectivity	Lab Activity
November	<ul style="list-style-type: none">• Cyber ethics	Making presentation
December	Revision for Board Examination	Lab Activity
January	Revision for Board Examination	Lab Activity
February	Revision for Board Examination	Making presentation
March	Board Examination	-----

SUB: PHYSICAL EDUCATION

MONTHS	TOPICS	ACTIVITY
APRIL	Management of Sporting Events Children and Women in Sports Yoga as Preventive measure for Lifestyle Diseases	Pracrical 1
MAY-JUNE	Physical Education & Sports for (CWSN)	Pracrical 2
JULY	Sports & Nutrition UNIT I Examination	Pracrical 3
AUGUST	Test and Measurement in Sport Physiology & Injuries in Sport	-----
SEPTEMBER	UNIT II Examination	-----
OCTOBER	Biomechanics and Sports	Pracrical 4
NOVEMBER	Psychology and Sports Training in Sports	Pracrical 5
DECEMBER	Pre-Board I	-----
JANUARY	Pre-Board II	-----