



BURNPUR RIVERSIDE SCHOOL

(Under the aegis of Burnpur Riverside School Educational Society)

Affiliated to CBSE, New Delhi

BURNPUR-713325, DIST. - PASCHIM BARDHAMAN (W.B.)



CLASS : XII

MONTHLY PEDAGOGICAL PLAN

ACADEMIC SESSION : 2024 – 2025

BURNPUR RIVERSIDE SCHOOL, BURNPUR

MONTHLY PEDAGOGICAL PLAN

THE ACADEMIC SESSION 2024 – 2025

CLASS : XII

SUBJECT - ENGLISH

Text Book : 1. FLAMINGO: TEXTBOOK IN ENGLISH FOR CLASS XII (CORE COURSE), NCERT

2. VISTAS: SUPPLEMENTARY READER IN ENGLISH FOR CLASS XII (CORE COURSE), NCERT

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	THE LAST LESSON LOST SPRING MY MOTHER AT SIXTY SIX KEEPING QUIET THE THIRD LEVEL COMPREHENSION WRITING SKILLS	A	ROLE PLAY DOCUMENT MAKING	Reads, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (Importance of mother tongue for freedom, banes of child labour, Construction of an imaginary space to be away from the worries of the world) Appreciates poetry; identifies and appreciates significant literary elements such as – metaphor, imagery, symbol, simile, onomatopoeia, rhyme scheme, etc.in order to demonstrate understanding of their significance in texts. (Ageing and separation are inevitable, Introspection and silence are necessary for self-comprehension) Writes notices, invitations, articles, reports in order to demonstrate research skills and correspondence skills for the target audience. Writes formal letters/ applications, resume etc. with clarity and precision and using appropriate vocabulary, expressions etc.
May	13	DEEP WATER A THING OF BEAUTY THE TIGER KING WRITING SKILLS	B	SKETCHING COMIC STRIPS	Reads, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (satire on people in power, will power that overcomes all impediments) Appreciates poetry; identifies and appreciates significant literary elements such as – metaphor, imagery, symbol, simile, onomatopoeia, rhyme scheme, etc.in order to demonstrate understanding of their significance in texts. (Inter-relation between beauty and truth) Writes notices, invitations, articles, reports in order to demonstrate research skills and correspondence skills for the target audience.

June	12	THE RATTRAP (FOR HALF YEARLY) JOURNEY TO THE END OF THE EARTH (FOR HALF YEARLY) WRITING SKILLS	C	DRAMA/ THEATRE SLIDE SHOW	Reads, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (Knowledge of environment to preserve the same, Goodness transforms character) Writes formal letters/ applications, resume etc. with clarity and precision and using appropriate vocabulary, expressions etc.
		PT-1 (28.06.2024)			
July	24	PT-1 (01.07.2024 to 05.07.2024)			
		INDIGO POETS AND PANCAKES A ROADSIDE STAND THE ENEMY COMPREHENSION WRITING SKILLS	D	DOCUMENT MAKING	Read, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (Gandhi ji's contribution to Independence, Quest of truth, Doctor's profession that transcends nationality) Appreciates poetry; identifies and appreciates significant literary elements such as – metaphor, imagery, symbol, simile, onomatopoeia, rhyme scheme, etc. in order to demonstrate understanding of their significance in literature. (imbalance in terms of money and livelihood between city and country) Text-based writing Writes notices, invitations, letters, article, reports in order to demonstrate research skills and correspondence skills for the target audience.
August	22	THE INTERVIEW ON THE FACE OF IT COMPREHENSION WRITING SKILLS REVISION			E
September	25	HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024			
		GOING PLACES WRITING SKILLS	F	STORY TELLING / NARRATIVE S	Reads, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (Imaginary flights to a happy space) Writes notices, invitations, letters, articles, reports in order to demonstrate research skills and correspondence skills for the target audience.
October	17	AUNT JENNIFER'S TIGERS COMPREHENSION WRITING SKILLS			G

November	20	MEMORIES OF CHILDHOOD COMPREHENSION REVISION - SAMPLE PAPERS	H	STORY TELLING / FREE TALKS	Reads, comprehends and extrapolates beyond texts, analyzes, interprets, and appreciates characters, themes, incidents and plot (injustice and resistance) Text-based writing Writes notices, invitations, letters, articles, reports in order to demonstrate research skills and correspondence skills for the target audience. Revises texts and practises with accuracy
		1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024			
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024			
		REVISION - SAMPLE PAPERS	I	-----	Revises texts and practises with accuracy
		2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024			
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			
February	24	-----			
March	23	-----			

N.B: THE FOLLOWING ARE TO BE STUDIED ALONG WITH THE STUDY OF LITERATURE:

1. UNSEEN PASSAGE FOR COMPREHENSION (FACTUAL, DESCRIPTIVE, LITERARY), CASE BASED FACTUAL PASSAGE (OBJECTIVE TYPE QUESTIONS, MCQs, SAQs)
2. WRITING:
 - A. NOTICE, FORMAL AND INFORMAL INVITATIONS AND REPLIES
 - B. LETTERS (LETTERS TO EDITOR, JOB APPLICATION)
 - C. ARTICLE, REPORT

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO I (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCrf

SUBJECT – ENGLISH

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	WRITING LETTERS AND REPORTS	STUDENTS – 1. WRITE TO EXPRESS THEIR UNDERSTANDING AND EXPERIENCES; 2. WRITE WITH APPROPRIATE INFORMATION WITH RELEVANCE TO THE AUDIENCE AND PURPOSE
May	13	COMPOSITION OF POEMS BY USING DIFFERENT TYPES OF LITERARY DEVICES	STUDENTS – 1. EXPRESS EXPERIENCES AND EMOTIONS ON THE VARIOUS ASPECTS OF THEIR SURROUNDINGS THROUGH POETRY USING DIFFERENT POETIC DEVICES
June	12	SUMMARIZING TEXTS	STUDENTS – 1. IDENTIFY MAIN POINTS AND SUMMARIZE FROM A CAREFUL LISTENING AND READING OF THE TEXT 2. COMPREHEND THE WAY WORDS AND SENTENCES ARE USED IN TEXTS
July	24	DOCUMENT MAKING (ARTS INTEGRATED ACTIVITY)	STUDENTS – 1. WRITE WITH APPROPRIATE INFORMATION WITH RELEVANCE TO THE PURPOSE
August	22	ANCHORING OF SMALL EVENTS	STUDENTS – 1. WRITE IDEAS IN SEQUENCE USING WORDS APPROPRIATE FOR THE PURPOSE AND AUDIENCE INTENDED
September	25	HY - ASSESSMENT IN ENGLISH CORE	ASSESSMENT OF LEARNING
October	17	WRITING FOR REAL-LIFE SITUATIONS – INVITATIONS, ARTICLES	STUDENTS – 1. WRITE WITH APPROPRIATE INFORMATION WITH RELEVANCE TO THE AUDIENCE AND PURPOSE 2. SCRIPT TO INFORM AND COMMUNICATE IDEAS EFFECTIVELY 3. USE LANGUAGE APPROPRIATE TO SOCIAL CONTEXT, EXPRESSES AGREEMENTS AND DISAGREEMENTS WITH REASONS
November	20	PROJECT (ALS) PB1 - ASSESSMENT IN ENGLISH CORE	STUDENTS LEARN -- CREATIVE PLANNING, LITERATURE REVIEW, PREPARATION OF QUESTIONNAIRE, SCOPE OF SURVEY
December	20	PB2 - ASSESSMENT IN ENGLISH CORE	ASSESSMENT OF LEARNING
January	24	PB2 - ASSESSMENT IN ENGLISH CORE	ASSESSMENT OF LEARNING
February	24	-----	-----
March	23	-----	-----

SUBJECT - ENGLISH ALS

MONTH	W.D.	COURSE CONTENT	LEARNING OUTCOMES
April	24	INTRODUCE YOURSELF TOPIC PRESENTATION	<ol style="list-style-type: none"> 1. Develops Interactive competence (Initiation & turn taking, relevance to the topic) 2. Develops Fluency (cohesion, coherence and speed of delivery) 3. Speaks / reads with proper Pronunciation 4. Uses Language correctly / precisely (grammar and vocabulary) 5. Develops Public speaking skills.
May	13	NEWSPAPER REPORTS AND CLIPPINGS	<ol style="list-style-type: none"> 1. Develops Interactive competence (Initiation & turn taking, relevance to the topic) 2. Develops Fluency (cohesion, coherence and speed of delivery) 3. Speaks / reads with proper Pronunciation 4. Uses Language correctly / precisely (grammar and vocabulary) 5. Develops Public speaking skills.
June	12	FREE TALKS/ STORY TELLING / NARRATIVES TOPIC PRESENTATION	<ol style="list-style-type: none"> 1. Develops Interactive competence (Initiation & turn taking, relevance to the topic) 2. Develops Fluency (cohesion, coherence and speed of delivery) 3. Speaks / reads with proper Pronunciation 4. Uses Language correctly / precisely (grammar and vocabulary) 5. Develops Public speaking skills.
PT-1 (28.06.2024)			
PT-1 (01.07.2024 to 05.07.2024)			
July	24	NEWSPAPER REPORTS AND CLIPPINGS TOPIC PRESENTATION	<p>Students learn --</p> <ol style="list-style-type: none"> 1. Interactive competence (Initiation & turn taking, relevance to the topic) 2. Fluency (cohesion, coherence and speed of delivery) 3. Pronunciation 4. Language (grammar and vocabulary)
August	22	TOPIC PRESENTATION	<p>Students learn --</p> <ol style="list-style-type: none"> 1. Interactive competence (Initiation & turn taking, relevance to the topic) 2. Fluency (cohesion, coherence and speed of delivery) 3. Pronunciation 4. Language (grammar and vocabulary)
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024			
September	25	PROJECT PLANNING	<p>Students learn --</p> <ol style="list-style-type: none"> 1. Pronunciation and Vocabulary 2. Accuracy in grammar 3. Communication skills 4. Fluency (cohesion, coherence and speed of delivery) 5. Creative planning

October	17	PROJECT PLANNING AND RESEARCH WORK	Students learn -- 1. Pronunciation and Vocabulary 2. Accuracy in grammar 3. Communication skills 4. Fluency (cohesion, coherence and speed of delivery) 5. Creative planning 6. Literature review 7. Preparation of Questionnaire 8. Scope of survey
November	20	RESEARCH WORK SURVEY PROJECT COMPLETION	Students learn -- 1. Pronunciation and Vocabulary 2. Accuracy in grammar 3. Communication skills 4. Fluency (cohesion, coherence and speed of delivery) 5. Creative planning 6. Literature review 7. Preparation of Questionnaire 8. Scope of survey
		INTERNAL ASSESSMENT / 1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024	
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024	
		2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024	
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025	
		
February	24	.....
March	23	.....

SUBJECT - MATHEMATICS

Text Books : 1. NCERT TEXTBOOK FOR CLASS XII VOLUME I & II
 2. SENIOR SECONDARY SCHOOL MATHEMATICS FOR CLASS XII BY R.S. AGGARWAL
 3. OPTIMA LAB MANUAL MATHEMATICS CLASS - XII

MONTH	W.D.	COURSE CONTENT	MATHS LAB ACTIVITY	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	1. Matrices 2. Determinants 3. Relations 4. Functions	Activity (1) : To verify that the relation R in the Set L of all lines in a plane defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither reflexive nor transitive.	A	Slideshow/ PPT's	1. To explore the idea of matrices as a way of representing and simplifying mathematical concepts. 2. To apply to concept of determinants. 3. Identities different types of relations & functions.
May	13	5. Continuity 6. Differentiability 7. Differentiation (Contd...)	Activity (3) : To demonstrate a function which is not one-one but onto	B	Slideshow/ PPT's	4. To demonstrate way to relate differentiability and continuity of a function with each other.
June	12	7. Differentiation	-----	C	Slideshow/ PPT's	5. To explore different ways of differentiation of various functions.
PT-1 (28.06.2024)						
PT-1 (01.07.2024 to 05.07.2024)						
July	24	8. Inverse Trigonometric functions. 9. Applications of Derivatives 10. Indefinite integrals (Contd...)	Activity (5) : To draw the graph of $\sin^{-1}x$ Activity (14) : To understand the concept of local maxima, local minima and point of inflection	D	Main formula Chart Practise Sheet	4. Explores the values of different inverse trigonometric functions. 5. Explore the use of derivatives in other mathematical problems. 6. Develops the process in integral calculus based on the ideas of differential calculus learned earlier.
August	22	11. Indefinite integrals 12. Definite integrals 13. Application of the integrals	Activity (16) : To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner. Activity (18) : To verify that amongst all the rectangles of the same perimeter, the square has the maximum area.	E	Making formula chart	7. Explores the various properties of definite integrals. 8. Applies the concepts of integral calculus to calculate the areas enclosed by curves.

HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024						
September	25	14. Differential Equations	-----	F	Making formula chart	9. Develops the concept of differential equations using the ideas of differential and integral calculus.
October	17	15. Vectors 16. Three Dimensional Geometry	Activity (20) : To verify geometrically that $\vec{c} \times (\vec{a} + \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b}$ Activity (21) : To verify that angle in a semi-circle is a right angle, using vector method	G	Making Concept Map, Practise Sheet	10. Construct the idea of vectors and their properties and relates them to earlier learned concepts in different areas of mathematics such as geometry, co-ordinate geometry etc. 11. Evolves newer concepts in three dimensional geometry from that learnt earlier, in the light of vector algebra, such as direction cosines, equations of lines and planes under different conditions.
November	20	17. Probability 18. Linear programming	Activity (22) : To locate the points to given co-ordinates in space, measure the distance between two points in space and then to verify the distance using distance formula. Activity (26) : To measure the shortest distance between two skew lines and verify it analytically.	H	Making concept map Practice sheet	12. Calculates conditional probability of an event and uses it to evolve Bayes theorem and multiplication rule of probability. Determines mean of probability distribution using concept of random variable. 13. Formulates and solve problems related to maximization/minimization of quantities in daily life situation using system of inequalities/inequations learned earlier.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024						
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024				
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024						
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025				
February	24	-----				
March	23	-----				

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCrf

SUBJECT – MATHEMATICS

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	Assignment on 'Matrices and Determinants' Quizzes on 'Relations and Functions'	Develops the idea of Matrix and Determinants, its various expression and operations.
May	13	Assignment on 'Continuity and Differentiability'	Identifies different types of problem solving on continuity and Differentiability and establishing relationship between continuity and Differentiability.
June	12	Assignment on 'Differentiation'	Learners will learn differentiation of different types of functions.
July	24	Making formula chart on Indefinite integrals	Applies the formulae of Indefinite integrals.
August	22	Assignment on Definite integrals and application of Integrals	Explores different problems in definite integrals using various properties and applying it finding the area of bounded regions of curves
September	25	Class Test on Differential Equations	Develops the concepts of differential equations using the ideas of differential & integral calculus.
October	17	Assignment on vectors and three-dimensional geometry	Constructs the idea of vectors and their properties and relates them to earlier learned concepts in different areas of mathematics such as three-dimensional geometry.
November	20	Assignment on probability	Calculates conditional probability of an event and uses it to solve Baye's theorem and multiplication rule of probability. Determines mean of probability distribution using concept of random variable.
December	20	-----	-----
January	24	-----	-----
February	24	-----	-----
March	23	-----	-----

SUBJECT – PHYSICS (042)

Text Books 1. PHYSICS TEXT BOOK FOR CLASS XII [NCERT]
2. NEW SIMPLIFIED PHYSICS (DHANPAT RAI & CO)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Chap - 1 : Electric Charges and Fields	A	Slide Show	Quantization of charge. Concept and relation of electric force and field.
May	13	Chap - 2 : Electrostatic Potential and Capacitance	B	Experimental Demonstration (Info Graphic Making)	Relation between electric field and potential. Concept of energy density in electric field.
June	12	Chap - 2 : Electrostatic Potential and Capacitance (Contd...)	C	Experimental Demonstration (Slide Show)	Concept of dielectric and its behaviour in electric field. Uses of Capacitance.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Chap – 3 : Current Electricity Chap – 4 : Moving Charges and Magnetism	D	Performing Experiments	Students will be able to understand concept of : Potential difference current, KCL, KVL Simplification of circuits, heating effect of current, magnetic effect of current.
August	22	Chap – 5 : Magnetism and Matter Chap – 6 : Electromagnetic Induction Chap – 7 : Alternating Current	E	Experimental Demonstration	Students will able to understand concept of : Magnetic field due to different conductors of various shapes. Conversion of galvanometer to Voltmeter, Ammeter. Concept of self & mutual induction. Effect of AC through R, L & C.
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Chap – 8 : Electromagnetic Waves Chap – 9 : Ray Optics and Optical Instruments	F	Experimental Demonstration	Students will able to understand concept of : EM Waves, Spectrum, Different optical phenomenon, Application of various optical instruments.
October	17	Chap – 10 : Wave Optics Chap – 11 : Dual nature of radiation and matter	G	PPT & Experimental Demonstration	Students will able to understand concept of : Interference, diffraction, wave nature & particle nature of light
November	20	Chap – 12 : Atoms Chap – 13 : Nuclei Chap – 14 : Semi Constructors, Electronics, Materials, Devices and Simple Circuits	H	Experimental Demonstration	Students will able to understand concept of : Atoms, Nuclei using different Atomic models, Energy band theory, PN Junction Diode & its use.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024			
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	.....		
February	24	.....		
March	23	.....		

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCrf

SUBJECT – PHYSICS

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	To assemble components of a given circuits. (Innovation Laboratory)	Handles tools and laboratory apparatus properly.
May	13	To draw the diagram of a given open circuit comprising at least a battery, resistor, rheostat, key, ammeter and voltmeter (Lab. work)	Analyses and interprets data, graphs and figure.
June	12	To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. (Laboratory work)	Applies scientific concepts in daily life and solving problem.
July	24	To assemble components of a given electrical circuits, (Series combination)	Students understand series & parallel combination
August	22	To assemble components of a given electrical circuits. (Parallel combination)	Students understand series & parallel combination
September	25	To study variation of potential drop with length of a wire for a steady current	Variation of potential with length
October	17	To identify diode, LED, resistor, capacitor from a mixed collection of items	Student will be able to identify various electrical components
November	20	Use of multimeter To study the nature of image formed by convex lens	Students will be able to use multimeter Students will be able to understand image formation
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT – PHYSICS PRACTICAL

Text Book : LAB MANUAL OF PHYSICS (DHANPAT RAI & CO.)

MONTH	W.D.	COURSE CONTENT	SL. NO.	LEARNING OUTCOMES
April	24	Prac 1 : To determine resistivity of two/three wires by plotting a graph for V vs I	A	Analyse & interpret data, graphs, figure and draw conclusion.
May	13	Prac 2 : To find resistance of a given wire using meter bridge.	B	Handle apparatus and measure physical quantities using proper instrument.
June	12	Prac 3 : To verify law of combination of resistance using meter bridge	C	Students will be able to verify series and parallel combination of resistances.
July	24	To determine resistance of galvanometer using half deflection method and to find its figure of merit.	D	Handle instruments and measures physical quantities using it.
August	22	HALF YEARLY PRACTICAL EXAM		
September	25	To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.	E	To draw relation between μ , A and δ_m
October	17	To determine refractive index of a liquid using convex lens and plane mirror. To determine focal length of a convex lens by plotting 1/U Vs 1/V graph	F	Relation between focal length, object distance and image distance.
November	20	To draw the I Vs V characteristic curve for a p-n junction diode in forward and reverse bias condition	G	Analyse and interpret graph and use graph for analysis
December	20	ANNUAL PRACTICAL EXAM		
January	24	.....		.....
February	24	.....		.....
March	23	.....		.....

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO G (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – CHEMISTRY (TH)

Text Books 1. TEXT BOOK FOR CLASS XII [NCERT]
2. MODERN'S ABC OF CHEMISTRY

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Ch-1 : Solutions Ch-2 : Electro Chemistry	A	Slide Show Concept map	Learners will recognise the various electrochemical process.
May	13	Ch-2 : Electro Chemistry (Contd...) Ch-3 : Chemical Kinetics	B	Analyses and interprets graphs	Understand the concept of rate of change associated with chemical change.
June	12	Ch-3 : Chemical Kinetics (Contd...)	C	Analyses and interprets graphs	Recognizing the rate of change and how it can be measured.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Ch-6 : Haloalkanes & Haloarenes Ch-7 : Alcohol, Phenol & Ether	D	Slide show	Understand the mechanism of nucleophilic substitution and Elimination reaction
August	22	Ch-7 : Alcohol, Phenol & Ether (Till End)	E	Slide show	Understand the physical and chemical properties of alcohols, phenols & Ethers.
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Ch-4 : d- & f-block elements Ch-5 : Coordination Compounds	F	Experimental Demonstration	Describe the compounds and reactivities of transition metals
October	17	Ch-8 : Aldehydes, Ketones and Carboxylic acids Ch-9 : Amines	G	Experimental demonstration	Recognize the reagents and conditions used for reduction of aldehyde and ketone
November	20	Ch-10 : Biomolecules	H	Slide show	Understand the biological macro-molecules like cellulose, proteins, DNA etc.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	.....		
February	24	.....		
March	23	.....		

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCeF**SUBJECT – CHEMISTRY**

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	Ch – Solution (Performing Art) Topic – Graphical representation of positive and negative deviation from Raoult's Law.	Develop ability to construct meaning by drawing inference and relating with previous knowledge.
May	13	Ch – Electrochemistry (Class Project) Topic – Batteries - Their types and uses.	Develop the scientific aspect behind the functioning of a battery.
June	12	Ch – Chemical Kinetics (Class Quiz)	To acquire knowledge and skill.
July	24	Chart Preparation on Elimination Versus substitution reaction (Performing art)	Students will be able to learn the difference between elimination and substitution reaction.
August	22	Laboratory experiment – Tests for the function groups present in organic compounds	Students will be able to identify different functional groups.
September	25	Prepare a chart on Isomerism in coordination compounds (Performing art)	Students will be able to distinguish between Geometrical and optical Isomerism.
October	17	Laboratory experiment – Tests for the functional groups present in organic compounds.	Students will be able to identify different functional groups.
November	20	Class project on Biomolecules (Performing art)	Students will be able to learn structural and functional differences between DNA & RNA
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT – CHEMISTRY PRACTICAL

Text Book : GUIDED CHEMISTRY PRACTICAL WORKBOOK

MONTH	W.D.	COURSE CONTENT	SL No.	LEARNING OUTCOMES
April	24	Titration : KMnO_4 Vs. Mohr's Salt	A	Students will be able to learn to determine the unknown strength of the solution.
May	13	Titration : KMnO_4 Vs. Oxalic acid	B	Students will be able to learn to determine the unknown strength of the solution.
June	12	Salt analysis : PbCl_2 and CuCl_2	C	Able to identify the acidic and basic radical of the given unknown sample.
July	24	Salt analysis : CaCl_2 , BaCl_2 , SrCl_2 , MgCl_2 etc.	D	Able to identify the acid and basic radical of the given unknown sample.
August	22	Identification of Organic Functional Group	E	Able to identify the unknown functional group of the organic sample.
		HALF YEARLY PRACTICAL EXAM		
September	25	Identification of Organic Functional Group	F	Able to identify the unknown functional group of the organic sample.
October	17	Revision		-----
November	20	-----		-----
December	20	-----		-----
January	24	BOARD PRACTICAL EXAM		
February	24	-----		-----
March	23	-----		-----

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO F (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – BIOLOGY

Text Book : TEXT BOOK OF BIOLOGY FOR CLASS XII, NCERT

Ref. Book : COMPREHENSIVE BIOLOGY, CLASS XII [LAXMI PUB. PVT. LTD.]

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Ch - 1 : Sexual Reproduction in Flowering Plants Ch - 2 : Human Reproduction	A	Charts on bisexual flowers of angiosperms.	Students will be able to identify different pollinators and understand the process of implantation.
May	13	Ch. 3 : Reproductive Health Ch. 4 : Principles of Inheritance and Variation	B	Statistical analysis of IMR for the last two decades.	Students will be aware of the STDs and their causative pathogens.
June	12	Ch. 4 : Principles of Inheritance and Variation (Contd...)	C	Mendel's experiment using green & yellow pea seeds.	Students will be able to solve various kinds of Punnet Squares.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Ch. 5 : Molecular Basis of Inheritance Ch. 6 : Evolution Ch. 7 : Human Health and Diseases	D	Chart making on Mendel's Inheritance	Students will be able to acquire the concepts of Human Evolution
August	22	Ch. 8 : Microbes in Human Welfare Ch. 9 : Biotechnology : Principles and Processes Ch. 10 : Biotechnology and It's Applications	E	Power Point Presentation of r-DNA technology	Students will be able to identify various organisms that are used in human welfare
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Ch. 11 : Organisms and Populations Ch. 12 : Ecosystem	F	Census study on Indian population explosion	Students will be able to estimate the population growth/decline from population graphs
October	17	Ch. 12 : Ecosystem (Contd...) Ch. 13 : Biodiversity and It's Conservation	G	Creating GFC and DFC in class work copy	Students will be able to understand the importance of conserving biodiversity.
November	20	Revision	H	.....	.....
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	I	.....	.....
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	.....	.....	.....	.....
February	24	.....	.....	.....	.....
March	23	.....	.....	.....	.....

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO I (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCeF

SUBJECT – BIOLOGY

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	Skill development on use of microscope for observing microscopic specimens.	Learners will acquire the skills to adjust the focal length & hence focus microscopic specimens in a light microscope.
May	13	Model making on the topic selected for the year long Investigatory project.	Learners will develop their psychomotor skills.
June	12	Class quiz on chapter 1, chapter 2 and chapter 3.	Learners will be able to analyse their development in the chapters completed.
July	24	Chart preparation of the functioning of lac operon	Students will be able to understand the utilization of lactose by E.coli.
August	22	DNA extraction using kitchen protocol	Students will learn to extract DNA from plant materials.
September	25	Making of ecological pyramid	Students will understand the 10% law.
October	17	Tree plantation	Students will understand the importance of biodiversity conservation.
November	20	Survey on sacred grooves present in India.	Students will learn the various approaches to conserve biodiversity.
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT – BIOLOGY PRACTICAL

Text Book : COMPREHENSIVE LABORATORY MANUAL IN BIOLOGY, CLASS –XII (LAXMI PUB. PVT. LTD.)

MONTH	W.D.	COURSE CONTENT	SL. NO.	LEARNING OUTCOMES
April	24	A-1. Prepare a temporary mount to observe pollen germination. B-1, B-2, B-3, B-5	A	Learners will acquire the skills to focus a light microscope
May	13	A-2. Study the plant population density by quadrat method. A-3. Study the plant population frequency by quadrat method.	B	Students will be able to conceptualize quadrats and use it to find population density and frequency
June	12	A-5. Isolate DNA from available plant material.	C	Learners will be able to denature all cellular components except DNA and then isolate it.
July	24	B-4, B-6, B-7	D	Students will be able to infer various genetic traits using pedigree charts.
August	22	Revision	E	.....
HALF YEARLY PRACTICAL EXAM				
September	25	A-4. Prepare a temporary mount of onion root tip to study mitosis	F	Students will be able to observe the different stages of mitosis
October	17	B-8, B-9	G	Students will learn the technique of artificial hybridization
November	20	B-10, B-11	H	Students will be able to differentiate between homologous and analogous organs.
December	20	Revision	I	.....
BOARD PRACTICAL EXAM				
January	24			
February	24	.....		.....
March	23	.....		.....

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO I (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – COMPUTER SCIENCE (083)

Text Book : COMPUTER SCIENCE WITH PYTHON – SUMITA ARORA -XII

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Ch 1 and Ch 2 : Python Revision Tour – I and II Ch 3 : Working With Functions Ch 4 : Using Python Libraries	A	PPT on list, tuple, dictionaries using functions	Understand the concept of functions and Libraries.
May	13	Ch 4 : Using Python Libraries	B	PPT on Python standard Library's functions and modules	
June	12	Ch 4 : Using Python Libraries	C	PPT on Python standard Library's functions and modules	
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Ch. 05: File Handling Ch. 08: Computer Networks-I	D	PPT on File Handling and networking layout	Understand the concept of reading and writing into the files. Have a clear understanding of cyber ethics and cyber crime and understand the value of technology in society
August	22	Ch. 09: Computer Networks-II Ch. 07: Data Structures	E	PPT on stack operations	Learn basic data structures: lists, stacks and queues
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Ch. 10: Relational Databases	F	PPT on RDBMS	Table creation and manipulation using queries
October	17	Ch. 11: Simple Queries In SQL Ch. 12: Table Creation And Data Manipulation Commands Ch. 13: Grouping Records, Joins In SQL	G		
November	20	Ch. 06: Exception Handling Ch. 14: Interface Python With MySQL	H	PPT on Python connectivity with MySQL	Connect a python program with an SQL database and learn aggregation functions in SQL.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	----	-----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCeF

SUBJECT – COMPUTER SCIENCE (083)

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	Laboratory Work: Hands On Experience –: <ol style="list-style-type: none"> Write a program that checks for presence of a value inside a dictionary and prints its key. Write a program with function that receives an octal number and prints the equivalent number in other number bases i.e. – in decimal, binary and hexadecimal equivalents. 	Students will be able to understand and perform python programming using dictionaries and functions.
May	13	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> Write a program to increase the salary by Rs.2000 of the employee having empno as 1251 in the file emp1.dat Write a program to get rollno, names and marks of the students of a class(get from user) and store these details in a file called "Marks.txt" . 	Students will be able to understand and perform python programming using text and binary files.
June	12	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> Write a program to get item details(code, description and price) for multiple items from the user and create a csv file by writing all the items details in one go. 	Students will be able to understand and perform python programming using csv files.
July	24	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> Write a program to open filestu.dat and search for records with roll numbers as 12 or 14. If found, display the records. Write a program to display all the records in a file along with line/record number. 	Students will be able to understand and perform python programming using binary files.
August	22	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> Write a program that copies a text file "source.txt" onto "target.txt" barring the lines starting with a "@" sign. Write a program to reverse a string using stack. 	Students will be able to understand and perform python programming using text files.
September	25	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> Write SQL commands for the creating an employee table and insert any 5 records. (EMPID, EMPNAME, EMPDOJ, EMPDESIG, EMPDEPT, EMPSAL) 	Students will be able to create tables in MySQL using constraints and also will be able to insert records in tables using INSERT command.

<p>October</p>	<p>17</p>	<p>Laboratory Work: Hands On Experience –</p> <p>1. Write SQL commands for the following on the basis of given table STUDENT :</p> <table border="1" data-bbox="309 331 932 678"> <thead> <tr> <th colspan="4">Table: STUDENT</th> </tr> <tr> <th>ROLLNO</th> <th>NAME</th> <th>CLASS</th> <th>SEC</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>AMAN</td> <td>12</td> <td>A</td> </tr> <tr> <td>2</td> <td>SUMIT</td> <td>12</td> <td>B</td> </tr> <tr> <td>30</td> <td>ANJALI</td> <td>11</td> <td>A</td> </tr> <tr> <td>10</td> <td>ANITA</td> <td>12</td> <td>E</td> </tr> <tr> <td>5</td> <td>KESAV</td> <td>11</td> <td>A</td> </tr> </tbody> </table> <p>a. To display all the records of the table b. To arrange the records roll no. wise in descending order. c. To display the students of class 12 only.</p>	Table: STUDENT				ROLLNO	NAME	CLASS	SEC	11	AMAN	12	A	2	SUMIT	12	B	30	ANJALI	11	A	10	ANITA	12	E	5	KESAV	11	A	<p>Students will be able to write Sql queries to perform various operations.</p>
Table: STUDENT																															
ROLLNO	NAME	CLASS	SEC																												
11	AMAN	12	A																												
2	SUMIT	12	B																												
30	ANJALI	11	A																												
10	ANITA	12	E																												
5	KESAV	11	A																												
<p>November</p>	<p>20</p>	<p>Laboratory Work: Hands On Experience –</p> <p>1. Write a Program to show MySQL database connectivity in python.</p>	<p>Students will be able to connect a python program with an SQL database.</p>																												
<p>December</p>	<p>20</p>	<p>PREBOARD PRACTICAL EXAMINATION</p>	<p>-----</p>																												
<p>January</p>	<p>24</p>	<p>-----</p>	<p>-----</p>																												
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<p>March</p>	<p>23</p>	<p>-----</p>	<p>-----</p>																												

SUBJECT – COMPUTER SCIENCE PRACTICAL

Text Book : COMPUTER SCIENCE WITH PYTHON – SUMITA ARORA -XII

MONTH	W.D.	COURSE CONTENT	LEARNING OUTCOMES																																																																												
April	24	<p>EXP. 1: Write a program that returns TRUE if the input number is an even number, FALSE otherwise.</p> <p>EXP. 2: Write a program that checks for presence of a value inside a dictionary and prints its key.</p> <p>EXP. 3: Write a program that finds an element's index/position in a tuple without using index().</p> <p>EXP. 4: Write a program with function that receives an octal number and prints the equivalent number in other number bases i.e. – in decimal, binary and hexadecimal equivalents.</p> <p>EXP. 5: Write a random number generator that generates random numbers between 1-6(stimulates a dice)</p>	Understand the concept of functions and learn how to create and use python libraries. And also learn file handling																																																																												
May	13	<p>EXP. 6: Write a program to increase the salary by Rs.2000 of the employee having empno as 1251 in the file emp1.dat</p> <p>EXP. 7: Write a program to get rollno, names and marks of the students of a class(get from user) and store these details in a file called "Marks.txt" .</p>																																																																													
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July	24	<p>EXP. 9: Write a program to modify a name of rollno 12 as Gurnam in file stu.dat</p> <p>EXP. 10: Write a program to open filestu.dat and search for records with roll numbers as 12 or 14. If found, display the records.</p> <p>EXP. 11: Write a program to display all the records in a file along with line/record number</p>	Understand the concept of reading and writing into the files. Learn TO implement STACK In Python																																																																												
August	22	<p>EXP. 12: Write a program to display the size of a file in bytes.</p> <p>EXP. 13: Write a program that copies a text file "source.txt" onto "target.txt" barring the lines starting with a "@" sign.</p> <p>EXP. 14: Write a program to implement the stack operation.</p> <p>EXP. 15: Write a program to reverse a string using stack.</p>																																																																													
HALF YEARLY PRACTICAL EXAM																																																																															
September	25	<p>EXP. 16: Write SQL commands for the creating an employee table and insert any 5 records. (EMPID, EMPNAME, EMPDOJ, EMPDESIG, EMPDEPT, EMPSAL)</p> <p>EXP. 17: Write SQL commands for the table given in page no. 571 Question no. 3 and write the queries from (a) to (e)</p> <p>EXP. 18: Write SQL commands for the following on the basis of given table STUDENT1 :</p>	Students will be able to extract records and other manipulation on records using MySQL queries.																																																																												
October	17	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>No.</th> <th>Name</th> <th>Stipend</th> <th>Stream</th> <th>AvgMark</th> <th>Grade</th> <th>Class</th> </tr> </thead> <tbody> <tr><td>1</td><td>Karan</td><td>400.00</td><td>Medical</td><td>78.5</td><td>B</td><td>12B</td></tr> <tr><td>2</td><td>Divakar</td><td>450.00</td><td>Commerce</td><td>89.2</td><td>A</td><td>11C</td></tr> <tr><td>3</td><td>Divva</td><td>300.00</td><td>Commerce</td><td>68.6</td><td>C</td><td>12C</td></tr> <tr><td>4</td><td>Arun</td><td>350.00</td><td>Humanities</td><td>73.1</td><td>B</td><td>12C</td></tr> <tr><td>5</td><td>Sabina</td><td>500.00</td><td>Nonmedical</td><td>90.6</td><td>A</td><td>11A</td></tr> <tr><td>6</td><td>John</td><td>400.00</td><td>Medical</td><td>75.4</td><td>B</td><td>12B</td></tr> <tr><td>7</td><td>Robert</td><td>250.00</td><td>Humanities</td><td>64.4</td><td>C</td><td>11A</td></tr> <tr><td>8</td><td>Rubina</td><td>450.00</td><td>Nonmedical</td><td>88.5</td><td>A</td><td>12A</td></tr> <tr><td>9</td><td>Vikas</td><td>500.00</td><td>Nonmedical</td><td>92.0</td><td>A</td><td>12A</td></tr> <tr><td>10</td><td>Mohan</td><td>300.00</td><td>Commerce</td><td>67.5</td><td>C</td><td>12C</td></tr> </tbody> </table>		No.	Name	Stipend	Stream	AvgMark	Grade	Class	1	Karan	400.00	Medical	78.5	B	12B	2	Divakar	450.00	Commerce	89.2	A	11C	3	Divva	300.00	Commerce	68.6	C	12C	4	Arun	350.00	Humanities	73.1	B	12C	5	Sabina	500.00	Nonmedical	90.6	A	11A	6	John	400.00	Medical	75.4	B	12B	7	Robert	250.00	Humanities	64.4	C	11A	8	Rubina	450.00	Nonmedical	88.5	A	12A	9	Vikas	500.00	Nonmedical	92.0	A	12A	10	Mohan	300.00	Commerce	67.5	C
No.	Name	Stipend	Stream	AvgMark	Grade	Class																																																																									
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SUBJECT – PHYSICAL EDUCATION (TH)

Text Books : HEALTH & PHYSICAL EDUCATION (SARASWATI PUBLISHER)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Unit-1 : Management of Sporting Events Unit-2 : Children & Women in Sports	A	Slide Show PPTs	Describe the functions of sports event managements. Differentiate exercise guidelines for different stages of growth & development.
May	13	Unit-3 : Yoga as Preventive Measure for Life Style Disease	B	PPTs	Recognize importance of various asanas for preventive measure of obesity diabetes, hypertension, asthma, back pain. Distinguish the contraindications associated with performing different asanas
June	12	Unit-4 : Physical Education & Sports for CWSN (Children with special need Divyang)	C	PPTs	Value the advantages of physical activities for children with special needs.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Unit - 5 : Sports and Nutrition	D	PPTs	Information and knowledge regarding healthy foods. To understand food intoleranc & food myths
August	22	Unit - 6 : Test and Measurement in sports	E	PPTs	Values Imparted. To make students to calculate basal metabolic rate
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Unit - 7 : Physiology & Injuries in sport	F	PPTs	Safety measurement taught. Learn the effects on the muscular system cardio vascular & Respiratory system.
October	17	Unit - 8 : Biomechanics and sports	G	PPTs	Knowledge of Mechanism knowledge about the human behaviour
November	20	Unit - 9 : Psychology and Sports Unit - 10 : Training in Sports	H	PPTs	Improve motor development
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	----	-----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	.....		
February	24	.....		
March	23	.....		

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCrf

SUBJECT – PHYSICAL EDUCATION

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	SAI Khelo India Physical Fitness Test : 50 mt. dash, 600 mt. Run/Walk	The learner – Learn neuro muscular co-ordination and motor skills development.
May	13	SAI Khelo India Physical Fitness Test : Partial-curl-up, Modified push-ups (Girls) Yoga (Tadasana/Vajrasana)/Football/Kho-Kho	The learner – Learn purification of mind, body and soul, releases stress and anxiety. The Learners learn motor skills development too.
June	12	SAI Khelo India Physical Fitness Test : Push-ups (Boys); Sit & Reach Test Football / Kho-Kho / Basketball	The learns – Learn motor skills development. Learners learn team work, to build leadership quality & cooperation.
July	24	Brockport Physical fitness test pull ups	Students learn aerobic functioning and musculateral functioning
August	22	Bench Press Reverse curl	Students learn muscular strength / flexibility endurance
September	25	Modified curl-up	Students learn range of motion & body flexibility
October	17	Yoga	To teach about different Asanas in detail which can help as preventive measure for those life style disease
November	20	Team game : Basket ball, Football, Kho-Kho, Cricket, Kabaddi	The learner – Learn neuro muscular co-ordination & Team work
December	20	Revision	-----
January	24	-----	-----
February	24	-----	-----
March	23	-----	-----

SUBJECT – PHYSICAL EDUCATION PRACTICAL

Text Book : PHYSICAL EDUCATION LAB SKILLS (VIVA PUBLISHER)

MONTH	W.D.	COURSE CONTENT	SL NO.	LEARNING OUTCOMES
April	24	Physical fitness test – SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)	A	Access the physical fitness level of students.
May	13	50 yd dash, 600 mt Run/Walk, Sit & Reach Test, Partial Curl-up Test	B	Develop speed Agility & Endurance
June	12	Modified Push-up (For Girls), Normal Push-up for (Boys)	C	Develop strength & power.
July	24	Normal Push up (for Boys) Modified Push up (for Girls)	D	Improve upper body strength & Endurance
August	22	Proficiency in Games and Sports Skills of any game of choice from the given list	E	To develop the proper fundamental skills of particular game
		HALF YEARLY PRACTICAL EXAM		
September	25	Basketball, Football Kabaddi, Kho-Kho, Volleyball, Cricket	F	To develop awareness regarding importance of physical fitness in individual
October	17	Yogic Practices Vajrasana, Tadasana, Sukhasana, Padmaasana	G	To develop awareness regarding importance of physical fitness in individual
November	20	Trikonasana Hastasana, Halasana	H	To develop awareness regarding importance of physical fitness in individual
December	20	Revison	.....	.....
January	24	BOARD PRACTICAL EXAM		
February	24	.....		.....
March	23	.....		.....

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – ACCOUNTANCY

Text Books : 1. ACCOUNTANCY FOR CLASS XII PART I (NCERT)
2. ACCOUNTANCY FOR CLASS XII PART II (NCERT)

Reference Books : 1. ACCOUNTANCY FOR CLASS XII PART A, VOLUME-I ACCOUNTING FOR PARTNERSHIP FIRMS
2. ACCOUNTANCY FOR CLASS XII PART A, VOLUME-II ACCOUNTING FOR COMPANIES
3. ANALYSIS OF FINANCIAL STATEMENTS, CLASS-XII, PART B, D.K. GOAL, RAJESH GOEL, SHELLY GOAL AVICHAL PUBLISHING COMPANY.

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Unit II : Accounting for Partnership Firms - Fundamentals	A	Interpretation Through various accounting charts	Meaning and features of Partnership, Preparation of P/L Appropriation A/c, Capital and Current A/c. Past adjustments of profit and guarantee
May	13	Unit II : Accounting for Partnership Firms - Reconstitution and Dissolution (Partly)	B	Interpretation Through various accounting charts	Concept of new ratio sacrificing/gaining ratio Treatment of goodwill, revaluation of Assets and Liabilities
June	12	Unit II : Accounting for Partnership Firms - Reconstitution and Dissolution (Upto admission of Partner before capital adjustment)	C	Interpretation Through various accounting charts	Concept of new ratio sacrificing/gaining ratio Treatment of goodwill, revaluation of Assets and Liabilities
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Unit II : Accounting for Partnership Firms - Reconstitution and Dissolution (Remaining Part)	D	Interpretation Through various accounting charts	Effect of retirement/Death of a partner, Treatment of goodwill, settlement of retiring/ deceased partner's capital a/c with capital adjustment Understanding the situations of dissolution of partnership firm and preparation of Realisation A/c and other related A/cs.
August	22	Unit III : Accounting for Share Capital Unit IV : Accounting for Debentures	E	Use of accounting formats for interpretation of ideas	Understanding of different types of share capital and related terms. Accounting treatment of issue, forfeiture and reissue of shares. Accounting treatment of issue of debenture
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Unit VI : Cash Flow Statement (Partly)	F	Use of proper accounting format as per AS-3	Concept and preparation of Cash Flow Statement using Indirect method as per AS-3 with adjustments
October	17	Unit VI : Cash Flow Statement (Remaining Part) Unit V : Analysis of Financial Statement (Partly)	G	Interpretation and application of formulae	Preparation of Comparative and Common size Balance Sheet and Statements of P/L as per Schedule III of Companies Act, 2013. To know the meaning, objectives, significance and computation of different types of ratios
November	20	Unit V : Analysis of Financial Statement (Remaining Part) Unit VII : Project Work	H	Interpretation and application of formulae	To know the meaning, objectives, significance and computation of different types of ratios
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24			
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PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – BUSINESS STUDIES

Text Book : BUSINESS STUDIES FOR CLASS XII (NCERT)

Reference Book : BUSINESS STUDIES FOR CLASS XII (POONAM GANDHI)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Unit I : Nature and Significance of Management Unit II : Principles of Management (Partly)	A	Interpretation through various charts and diagrams	Concept of Management, its objectives, importance, nature, levels and functions. Concept & significance of different Principles of management of Fayol & Taylor
May	13	Unit II : Principles of Management (Remaining Part) Unit III : Business Environment (Partly)	B	Interpretation through various charts and diagrams. Interpretation of ideas and facts through demonstration	Concept & significance of different Principles of management of Fayol & Taylor. Concept, Importance & dimensions of business environment.
June	12	Unit III : Business Environment (Remaining Part)	C	Interpretation of ideas and facts through demonstration	Concept, Importance & dimensions of business environment.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Unit IV : Planning Unit V : Organising Unit VI : Staffing Unit VII : Directing (Partly)	D	Interpretation through various charts and diagrams	Concept, importance, limitations, steps and types of planning. Concept, importance steps / process of organising, staffing and directing
August	22	Unit VII : Directing (Remaining Part) Unit VIII : Controlling Unit IX : Financial Management	E	Interpretation through various formulae and ideas	Concept, importance and steps in controlling. Concept, objectives, Importance of financial management and financial planning, capital structure, fixed and working capital
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Unit X : Financial Market (Partly)	F	Explanation through ideas of practical financial market	Concept, functions, types of financial market and the instruments. Stock Exchange, SEBI
October	17	Unit X : Financial Market (Remaining Part) Unit XI : Marketing Management	G	Interpretations through graphs charts and diagrams	Concept, features, functions, philosophies of marketing management. Marketing mix-concept and elements.
November	20	Unit XII : Consumer Protection Unit XIII : Project Work	H	Explanation of ideas and thoughts	Concept, importance of consumer protection Act, rights, responsibilities of consumer, redressal machinery, remedies and role of NGOs
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	.....		
February	24	.....		
March	23	.....		

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – ECONOMICS

**Text Book : 1. INTRODUCTORY MACRO ECONOMICS [NCERT]
2. INDIAN ECONOMIC DEVELOPMENT (NCERT)**

**Reference Book : 1. INTRODUCTORY MACRO ECONOMICS [T.R. JAIN & V.K. OHRI]
2. INDIAN ECONOMIC DEVELOPMENT [T.R. JAIN & V.K. OHRI]**

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Macro Economics : Ch. 1 : Introduction Ch. 2 : Some basic concepts of Macro Economics Ch. 5 : Money Indian Economic Development Ch. 1 : Indian Economy on the eve of Independence.	A	Tree (Diagram) representing the different measure of money supply. PPT/slide show on positive & negative impact of Railways in India.	Explain the nature, scope & methodology scope of Economics. Communicate Eco. information & ideas related to N.I. etc. Inquires money, types of money. Discussing critical issues of Indian economy since independence.
May	13	Macro Economics : Ch. 6 : Banking Indian Economic Development Ch. 2 : Economic System & Common Goals of Five Year Plans	B	Table showing working of money creation in a single Banking system. Diagrammatic presentation of Goals of five year plans.	Summarise the role & importance of Central Banks & Commercial Banks for Govt., Consumer & producers. Evaluating five-year plan & the role of NITI Ayog in planning, allocation of funds to various sectors.
June	12	Indian Economic Development : Ch. 3 : Indian Economy (1950-1990) Revision for PT1	C	Cartoon & Comic strips on Green Revolution. A Revolution any Rise in Productivity.	Evaluate the success of the land ceiling policy, use of HIV sector subsidies in the agricultural sectors in India.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Mactro Economics : Ch. 3 : National Income & Related Aggregates. Ch. 4 : Methods of Calculating National Income Indian Economic Development : Ch. 4 : Human Capital Formation in India.	D	Making a group & Debate on Human Development & Human Welfare	Explaining the nature, scope & methodology of Economics & the difference between Micro & Macro Economics. Communicate economic information & ideas related in National Income etc. Discussing the three methods of measuring the National Income. Understands the links between investments in human capital & economic growth.
August	22	Indian Economic Development : Ch. 5 : Rural Development Ch. 6 : Employment Macro Economics : Ch. 7 : AD, AS & Related Concepts Ch. 8 : Short Run Eqm Output Ch. 9 : Problem of Deficient Demand & Ecess Demand	E	Making a tabular representation showing Rural Development for last 5 years	Evaluate how crucial the development of rural areas is for the country's development. Evaluates the nature of participation of men & women in various economic activities in various sectors. Discussing AD & AS, Propensity to consume & propensity to save & measures to correct excess & deficient demand.

HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Macro Economics : Ch. 10 : Govt. Budget & the Economy Indian Economic Development : Ch. 7 : Environment & Sustainable Development	F	Presenting a tree showing different objectives of Government Budget	Explain budget & reason out the main areas of govt. spending & its impact on those areas. Communicate economic information & ideas related to Human development index & sustainable development.
October	17	Macro Economics : Ch. 11 : Foreign Exchange Rate. Ch. 12 : Balance of Payments Indian Economic Development : Ch. 8 : Comparative Development Experiences of India & its Neighbours	G	DD & SS of currency & coins of different countries	Analyse the demand for & supply of a currency in the foreign exchange market. Analyses comparative trends in various economic & human development indicator of India & its neighbours, China & Pakistan.
November	20	Revision	H	-----	-----
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024			
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			

February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCeF

SUBJECT – ECONOMICS

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	Macro Economics Ch. 5 : Money Activity : Flow chart showing the components of money supply (M1, M2, M3)	To integrate the sub-topics & understand the coherence of the chapter.
May	13	Indian Economic Development Ch. 2 : Economic System & Common Goals of Five Year Plans Activity : 1. Quiz by making groups. 2. Presenting the goals and objectives of Five Year Plan with the help of a tree	To improve teamsprits besides reading the content for participating in the Quiz.
June	12	Indian Economic Development Ch. 3 : Indian Economy (1950-1990) Activity : Poster making on the topic 'Green Revolution'.	Communicating complex ideas through visual stimulation involving images, charts, diagram & understanding the concepts at their own pace.
July	24	Macro Economics : Ch – National Income & Related Aggregates Ch – Methods of Calculating National Income Activity : Worksheet on computation of National Income & Personal Income	The integrate the subtopics & understand the coherence of the chapter.
August	22	Indian Economic Development : Ch – Employment Activity : Current status of employment with the help of graph through slide show	Realisation of learner’s role in nation building & sensitivity to the economic issues that the nation is facing today.
September	25	Indian Economic Development : Ch – Environment & Sustainable Development Activity : Poster making of how to save environment & to Foster Sustainable Development	Understanding complex ideas through visual stimulation involving images, charts, diagram & understanding the concepts.
October	17	Macro Economics : Ch – Foreign Exchange Rate Ch – Balance of payment Activity : Charts making on DD & SS of Different Countries Currency	Making the students understand about various topics & sub-topics under BOP & Foreign exchange market.
November	20	.....	.....
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT – GEOGRAPHY

Text Books : A. FUNDAMENTALS OF HUMAN GEOGRAPHY (NCERT)
B. INDIA - PEOPLE AND ECONOMY (NCERT)

MONTH	W.D.	COURSE CONTENT	SI. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	A : Ch-1 : Human Geography Ch-2 : The World Population, Distribution, Density and Growth B : Ch-1 : Population - Distribution, Density, Growth and Composition	A	Class discussion on how science and technology helped in population growth	Students will be able to ✳ Elucidate the interdependence between nature and Human being. ✳ Understand the stages of population growth in the world using Demographic Transition Theory ✳ Differentiate between Population distribution and density.
May	13	A : Ch-3 : People - Human Development B : Ch-2 : Human Settlements	B	Students will prepare a graph to show the growth of urban population of India since 1901	Students will be able to ✳ Explain the basic indicators of human development and measure the level of Human Development. ✳ Differentiate between rural and urban settlement.
June	12	A : Ch-4 : Primary Activities B : Ch-3 : Land Resources and Agriculture	C	Slide show / Videos on Land use	Students will be able to ✳ Explain different type of Primary activities. ✳ Describe the characteristics of different type of farming. ✳ Discuss the technological developments and challenges faced by the Indian farmers.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	A : Ch-5 : Secondary Activities B : Ch-4 : Water Resources	D	List out the major sources of water surrounding your region	Students will be able to : ✳ Explain key concepts such as large-scale manufacturing, high technology industry, foot-loose industries, Agri business and factors affecting its location. ✳ Evaluate the water demand and supply in India and causes for water scarcity in India.
August	22	A : Ch-6 : Tertiary and Quaternary activities B : Ch-5 : Mineral and Energy Resources B : Ch-6 : Planning and Sustainable Development in Indian Context	E	Class discussion : How convenient and beneficial the fast growing service sector in the World	Students will be able to : ✳ Compare and contrast traditional and modern economic activities and its role in the economic development. ✳ Classify minerals on the basis of chemical and physical properties and the major mineral belts.

					* Justify the need for target areas and target groups planning by the planning commission with examples.
September	25	HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024			
		A : Ch-7 : Transport, Communication and Trade B : Ch-7 : Transport and Communication	F	Map Pointing - Important sea ports, air ports	Students will be able to : * Compare and contrast various modes of transport. * Explain the relationship of transport and communication networks to economic development of a region. * Describe different types of highways found in different parts of our country.
October	17	A : Ch-8 : International Trade B : Ch-8 : International Trade	G	Discussion – How globalization influence the trade ?	Students will be able to : * Define international trade and describe its impacts in various countries. * Discuss the impact of WTO on current global trade. * Give reasons for changing pattern of the composition of India's import and export.
November	20	B : Ch-9 : Geographical perspective on selected issues and problems Map Pointing	H	PPT/Slide show on selected problems that degraded the environment	Students will be able to : * Classify types of pollution based on the medium through which pollutants are transported and diffused * Measures to control different types of pollution.
		1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024			
December	20	1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024			
		Revision	-----	-----	-----
January	24	2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024			
		2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCeF

SUBJECT – GEOGRAPHY

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES
April	24	B : Ch-1 : Population - Distribution, Density and Growth In a political map of India students will locate 5 most populous states and in another map they will locate 5 densely populated states.	Students will be able to understand the difference between population distribution and population density.
May	13	A : Ch-4 : People - Human Development Organise a brainstorming session in form of Quiz.	Students will improve team spirit and generate a quality of ideas for participating in Quiz.
June	12	B : Ch-5 : Land Resources and Agriculture Students will plot a Pie-diagram to represent the land use of India.	Students will be able to create pie charts by the given data and interpret the data.
July	24	Water Resources : List out the major sources of water surrounding your region	Students will know the sources of fresh water
August	22	Tertiary and Quaternary Activities : Class discussion : How convenient and beneficial the fast growing service sector in the world	Students will be able to know the importance of service sector
September	25	Transport, Communication and Trade : On an outline map of World, locate and label important sea port, air ports	Students will be able to know the sea ports and air ports present in the world
October	17	International Trade : Class Test	Students will be able to recall their gained knowledge
November	20	Geographical perspective on selected issues and problems : Case study and analysis of their home surrounding regarding the environment.	Students will be able to relate their text knowledge with their surroundings.
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT – GEOGRAPHY PRACTICAL

Text Book : PRACTICAL WORK IN GEOGRAPHY (NCERT) PART – II

MONTH	W.D.	COURSE CONTENT	SI No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Ch-1 : Data - Its source and compilation Ch-2 : Data Processing	A	Group the data and calculate mean, median, mode of the height of different students in class.	Students will be able to ✳ Analyse and interpret data. ✳ Group the raw data using tally marking.
May	13	Ch-3 Graphical Representation of Data	B	Construct Bar diagram with the given data	Students will be able to ✳ Identify graph which presents data in given situation.
June	12	Ch-3 Graphical Representation of Data	C	Construct pie diagram	Students will be able to ✳ Construct different type of graphs and diagrams to represent the data.
July	24	Ch-3 Graphical Representation of Data	D	Pie diagram showing land use	Students will be able to ✳ Construct bar diagram and pie diagram with given data
August	22	Ch-3 Graphical Representation of Data	E	Dot map and choropleth map showing population density	Students will be able to ✳ Construct dot map and choropleth map to represent population density
September	25	Ch-4 : Spatial Information Technology	F	.....	Students will be able to ✳ Explain spatial Information Technology or GIS
October	17	Ch-4 : Spatial Information Technology	G	.....	Students will be able to ✳ Describe the advantages of GIS over manual methods
November	20	Ch-4 : Spatial Information Technology	H	Concept map on components of GIS	Students will be able to ✳ Know components of GIS
December	20	.....		.....	.....
January	24	.....		.....	.....
February	24	.....			.....
March	23	.....			.....

SUBJECT – INFORMATION TECHNOLOGY (802)

Text Book : INFORMATION TECHNOLOGY – PREETI SAXENA - XII

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	PART - B : Unit - 1 : Database Concepts PART - B : Unit - 2 : Operating Web	A	PPT on Experience on Database Concepts	Students will be able to write SQL commands to create tables and indexes, insert/update/ del etc. data, and query data in a relational DBMS. Students will come to know about various operating web-based application.
May	13	PART - A : Unit - 4 : Entrepreneurial Skills-IV PART - A : Unit - 1 : Communication Skills-IV	B	PPT on Entrepreneurial Skills & Communication Skills	Students will be able to understand various Entrepreneurial Skills and apply knowledge of human communication and language process as they occur across various contexts.
June	12	PART - A : Unit - 1 : Communication Skills-IV	C		
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	PART A: Unit 3: Ict-Skills-IV PART A: Unit 2: Self Management Skills-IV	D	PPT on Ict-Skills and Self Management Skills	To know the basic concept of computers and its working. To know what is self awareness, self motivation, self regulation
August	22	PART B: Unit 4: Work Integrated Learning IT – DMA	E	PPT on Work Integrated Learning	Understand the various real life applications of IT.
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	PART B: Unit 3: Fundamentals of Java Programming	F	PPT on Java Programming	Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.
October	17	PART B: Unit 3: Fundamentals of Java Programming	G	PPT on Java Programming	
November	20	PART A: Unit 5: Green Skills-IV	H	PPT on Green Skills	Gain inspiration on how to develop students green skill set, including knowledge about sustainability themes and responsible attitudes towards the environment.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	-----	-----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

ACTIVITIES AS PER RECOMMENDATIONS OF NEP - 2020 / NCF / NCrf

SUBJECT - INFORMATION TECHNOLOGY (802)

MONTH	W.D.	ACTIVITY	LEARNING OUTCOMES																														
April	24	Laboratory Work : Hands On Experience – <ol style="list-style-type: none"> 1. To create on EMPLOYEE table in MySQL with the following fields : ECODE, ENAME, DEPT, CITY, GENDER, SALARY and write a query to display the structure of the table. 2. To create a STUDENT table in MySQL with the following fields : SROLLNO, SNAME, CLASS, SEC, GENDER, ADDRESS and enter any 5 records. Also write <ol style="list-style-type: none"> 1. the query to display the whole table. 	Students will be able to create SQL tables and can write SQL queries in MySQL for various functionalities.																														
May	13	Laboratory Work : Hands On Experience – <ol style="list-style-type: none"> 1. Create a poster in Open Office .org Impress on the topic 'Characteristics of Entrepreneurship'. 2. Create a poster in Open Office .org Impress on the topic 'Various stages of Active Listening' using images. 	Students will be able to create posters in Impress using various Impress formatting features.																														
June	12	Laboratory Work : Hands On Experience – <ol style="list-style-type: none"> 1. Create a poster Open Office .org Writer on the topic 'Parts of Speech'. 	Students will be able to create posters in Impress using various Impress formatting features.																														
July	24	<p>Laboratory Work: Hands On Experience –</p> <ol style="list-style-type: none"> 1. Write SQL queries for the following given below: <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="text-align: center;">TID</th> <th style="text-align: center;">TNAME</th> <th style="text-align: center;">T_DEPARTMENT</th> <th style="text-align: center;">T_AGE</th> <th style="text-align: center;">ADDRESS</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">56</td> <td style="text-align: center;">MR. DAS</td> <td style="text-align: center;">SCIENCE</td> <td style="text-align: center;">63</td> <td style="text-align: center;">NAGPUR</td> </tr> <tr> <td style="text-align: center;">46</td> <td style="text-align: center;">MR. SINGH</td> <td style="text-align: center;">INFORMATION TECHNOLOGY</td> <td style="text-align: center;">42</td> <td style="text-align: center;">BHOPAL</td> </tr> <tr> <td style="text-align: center;">44</td> <td style="text-align: center;">MRS. SHARMA</td> <td style="text-align: center;">INFORMATION TECHNOLOGY</td> <td style="text-align: center;">35</td> <td style="text-align: center;">KOLKATA</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">MRS. KAUR</td> <td style="text-align: center;">SCIENCE</td> <td style="text-align: center;">55</td> <td style="text-align: center;">BHOPAL</td> </tr> <tr> <td style="text-align: center;">05</td> <td style="text-align: center;">MR. DEY</td> <td style="text-align: center;">SCIENCE</td> <td style="text-align: center;">45</td> <td style="text-align: center;">KOLKATA</td> </tr> </tbody> </table> <ol style="list-style-type: none"> i) Display the names and ID of Information Technology teachers. ii) Display the names of those teachers whose publishing year is less than 50. iii) Display the names and ID of the teachers from Kolkata and Bhopal. iv) Display the names of those teachers whose name ends with 'A'. v) Remove the table from the database. 	TID	TNAME	T_DEPARTMENT	T_AGE	ADDRESS	56	MR. DAS	SCIENCE	63	NAGPUR	46	MR. SINGH	INFORMATION TECHNOLOGY	42	BHOPAL	44	MRS. SHARMA	INFORMATION TECHNOLOGY	35	KOLKATA	10	MRS. KAUR	SCIENCE	55	BHOPAL	05	MR. DEY	SCIENCE	45	KOLKATA	Students will be able to write queries in MySQL to perform various operations.
TID	TNAME	T_DEPARTMENT	T_AGE	ADDRESS																													
56	MR. DAS	SCIENCE	63	NAGPUR																													
46	MR. SINGH	INFORMATION TECHNOLOGY	42	BHOPAL																													
44	MRS. SHARMA	INFORMATION TECHNOLOGY	35	KOLKATA																													
10	MRS. KAUR	SCIENCE	55	BHOPAL																													
05	MR. DEY	SCIENCE	45	KOLKATA																													
August	22	<p>Laboratory Work: Hands On Experience –</p> <ol style="list-style-type: none"> 1. To create a MEDICINE table in Calc with the following fields: M_ID, MNAME, DOM, DOE and PRICE, and enter any 5 records and demonstrate the use of sorting and filtering. 	Students will be able to create tables in ooo Calc and can perform various operations.																														

September	25	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> 1. Write a program in JAVA Netbeans to accept an alphabet from the user and check whether the alphabet is vowel or consonant. 2. Write a program in JAVA Netbeans to check whether a number is even or odd. 	Students will be able to do programming in Java
October	17	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> 1. Write a program in JAVA Netbeans to print the following series: 1, 4, 9, 16, 25, 36, 49. 	
November	20	Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> 1. Write a program in JAVA Netbeans to print the Fibonacci Series by getting input of the number of terms in the series during run time. (0 1 1 2 3 5 8 13 21 34) 2. Write a program in JAVA Netbeans to find the average of the given array 27, 38, 57, 84, 64. Laboratory Work: Hands On Experience – <ol style="list-style-type: none"> 1. Write a program in JAVA to create a class name STUDENT with the following descriptions: Data Members: Rollno, Name, Class, marks of three subjects, Total Marks and Average Marks Member Functions: (a) Create a constructor to initialize the values of the data members. (b) A function Calculate() to find the total and average marks of the students. (c) A function Display() to display the records of the students. Use Arrays to enter and display 5 such records of the students. 	
December	20	REVISION PREBOARD PRACTICAL EXAMINATION	
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....

SUBJECT - INFORMATION TECHNOLOGY (802) (PRATICAL)

Text Book : INFORMATION TECHNOLOGY – PREETI SAXENA - XII

MONTH	W.D.	COURSE CONTENT	LEARNING OUTCOMES																																																												
April	24	<p>EXP. 1: To create an EMPLOYEE table in MySQL with the following fields: ECODE, ENAME, DEPT, CITY, GENDER, SALARY and write a query to display the structure of the table.</p> <p>EXP. 2: To create a STUDENT table in MySQL with the following fields: SROLLNO, SNAME, CLASS, SEC, GENDER, ADDRESS and enter any 5 records.</p> <p>EXP. 3: To create a TEACHER table in MySQL with the following fields: TID, TNAME, TSUBJECT, GENDER, ADDRESS, SALARY and enter any 5 records. Also, write queries to extract the names of teachers having salary more than 50,000.</p>	To Learn Sql Queries In Mysql																																																												
May	13	<p>EXP. 4: Write SQL queries for the following given below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th>ROLLNO</th> <th>NAME</th> <th>CLASS</th> <th>SEC</th> <th>PERCENTAGE</th> <th>ADDRESS</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">AMIT</td> <td style="text-align: center;">11</td> <td style="text-align: center;">A</td> <td style="text-align: center;">92.8</td> <td style="text-align: center;">KOL</td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">SUMIT</td> <td style="text-align: center;">12</td> <td style="text-align: center;">A</td> <td style="text-align: center;">91.0</td> <td style="text-align: center;">ASN</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">RAJ</td> <td style="text-align: center;">12</td> <td style="text-align: center;">B</td> <td style="text-align: center;">63.4</td> <td style="text-align: center;">DGP</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">PUJA</td> <td style="text-align: center;">11</td> <td style="text-align: center;">B</td> <td style="text-align: center;">88.0</td> <td style="text-align: center;">ASN</td> </tr> <tr> <td style="text-align: center;">23</td> <td style="text-align: center;">SOMA</td> <td style="text-align: center;">12</td> <td style="text-align: center;">A</td> <td style="text-align: center;">78.0</td> <td style="text-align: center;">KOL</td> </tr> </tbody> </table> <p>i) Display the names of those students whose percentage is more than 85%. ii) Display the names and roll numbers of class 12 students. iii) Display the names of those students who are not from Kolkata (KOL) iv) Display the names of those students whose name starts with 'S'. v) Remove the table from the database.</p> <p>EXP. 5: Write SQL queries for the following given below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th>PID</th> <th>PNAME</th> <th>COST_PRICE</th> <th>SELLING_PRICE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1001</td> <td style="text-align: center;">CD</td> <td style="text-align: center;">30</td> <td style="text-align: center;">50</td> </tr> <tr> <td style="text-align: center;">2003</td> <td style="text-align: center;">DVD</td> <td style="text-align: center;">50</td> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">2006</td> <td style="text-align: center;">PEN DRIVE</td> <td style="text-align: center;">450</td> <td style="text-align: center;">550</td> </tr> <tr> <td style="text-align: center;">3366</td> <td style="text-align: center;">KEYBOARD</td> <td style="text-align: center;">1300</td> <td style="text-align: center;">1500</td> </tr> <tr> <td style="text-align: center;">4451</td> <td style="text-align: center;">MONITOR</td> <td style="text-align: center;">6500</td> <td style="text-align: center;">8000</td> </tr> </tbody> </table> <p>i) Display the names of those products whose cost price is less than 1000. ii) Display the names of those products whose selling price is more than 500. iii) Display the names of those products whose product ID is less than 3000. iv) Display the names of those products whose name starts with 'M'. v) Remove the table from the database.</p>		ROLLNO	NAME	CLASS	SEC	PERCENTAGE	ADDRESS	5	AMIT	11	A	92.8	KOL	9	SUMIT	12	A	91.0	ASN	3	RAJ	12	B	63.4	DGP	10	PUJA	11	B	88.0	ASN	23	SOMA	12	A	78.0	KOL	PID	PNAME	COST_PRICE	SELLING_PRICE	1001	CD	30	50	2003	DVD	50	60	2006	PEN DRIVE	450	550	3366	KEYBOARD	1300	1500	4451	MONITOR	6500	8000
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June	12	<p>EXP. 6: Write SQL queries for the following given below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th>BOOKNO</th> <th>BNAME</th> <th>BTYPE</th> <th>PUBLISHING_YEAR</th> <th>B_PRICE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">102</td> <td style="text-align: center;">ICON</td> <td style="text-align: center;">FICTION</td> <td style="text-align: center;">1998</td> <td style="text-align: center;">1500</td> </tr> <tr> <td style="text-align: center;">104</td> <td style="text-align: center;">THE SKY</td> <td style="text-align: center;">FANTASY</td> <td style="text-align: center;">2000</td> <td style="text-align: center;">1600</td> </tr> <tr> <td style="text-align: center;">106</td> <td style="text-align: center;">CLICK ON SELECT</td> <td style="text-align: center;">HORROR</td> <td style="text-align: center;">2001</td> <td style="text-align: center;">550</td> </tr> <tr> <td style="text-align: center;">108</td> <td style="text-align: center;">YOU CAN WIN</td> <td style="text-align: center;">CLASSICS</td> <td style="text-align: center;">1985</td> <td style="text-align: center;">750</td> </tr> <tr> <td style="text-align: center;">110</td> <td style="text-align: center;">THE BLOOD</td> <td style="text-align: center;">CRIME</td> <td style="text-align: center;">2000</td> <td style="text-align: center;">900</td> </tr> </tbody> </table> <p>i) Display the names of those books whose cost price is less than 1000. ii) Display the names of those books whose publishing year is after 2000. iii) Display the names of those books whose product ID is less than 3000. iv) Display the names of those books whose name starts with 'T'. v) Remove the table from the database.</p>	BOOKNO	BNAME	BTYPE	PUBLISHING_YEAR	B_PRICE	102	ICON	FICTION	1998	1500	104	THE SKY	FANTASY	2000	1600	106	CLICK ON SELECT	HORROR	2001	550	108	YOU CAN WIN	CLASSICS	1985	750	110	THE BLOOD	CRIME	2000	900																															
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		<p>EXP. 7: Write SQL queries for the following given below:</p> <table border="1"> <thead> <tr> <th>TID</th> <th>TNAME</th> <th>T DEPARTMENT</th> <th>T AGE</th> <th>ADDRESS</th> </tr> </thead> <tbody> <tr> <td>56</td> <td>MR. DAS</td> <td>SCIENCE</td> <td>63</td> <td>NAGPUR</td> </tr> <tr> <td>46</td> <td>MR. SINGH</td> <td>INFORMATION TECHNOLOGY</td> <td>42</td> <td>BHOPAL</td> </tr> <tr> <td>44</td> <td>MRS. SHARMA</td> <td>INFORMATION TECHNOLOGY</td> <td>35</td> <td>KOLKATA</td> </tr> <tr> <td>10</td> <td>MRS. KAUR</td> <td>SCIENCE</td> <td>55</td> <td>BHOPAL</td> </tr> <tr> <td>05</td> <td>MR. DEY</td> <td>SCIENCE</td> <td>45</td> <td>KOLKATA</td> </tr> </tbody> </table> <p>i) Display the names and ID of Information Technology teachers. ii) Display the names of those teachers whose publishing year is less than 50. iii) Display the names and ID of the teachers from Kolkata and Bhopal. iv) Display the names of those teachers whose name ends with 'A'. v) Remove the table from the database.</p>	TID	TNAME	T DEPARTMENT	T AGE	ADDRESS	56	MR. DAS	SCIENCE	63	NAGPUR	46	MR. SINGH	INFORMATION TECHNOLOGY	42	BHOPAL	44	MRS. SHARMA	INFORMATION TECHNOLOGY	35	KOLKATA	10	MRS. KAUR	SCIENCE	55	BHOPAL	05	MR. DEY	SCIENCE	45	KOLKATA	
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July	24	<p>EXP. 8: To create a PRODUCT table in Calc with the following fields: PID, PNAME, COST_PRICE, SELLING_PRICE, PROFIT and enter any 5 records. Also, find the MAXIMUM PROFIT. EXP. 9: To create a BOOK table in Calc with the following fields: BID, BNAME, PUBLISHER, YEAR_OF_RELEASE and PRICE, and enter any 5 records and sort the table price wise in descending order.</p>	Students Will Be Able To Create Tables In Ooo Calc And Can Perform Various Mathematical Calculations																														
August	22	<p>EXP. 10: To create a MEDICINE table in Calc with the following fields: M_ID, MNAME, DOM, DOE and PRICE, and enter any 5 records and demonstrate the use of sorting and filtering.</p> <p style="text-align: center;">HALF YEARLY PRACTICAL EXAM</p>																															
September	25	<p>EXP. 11: Write a program in JAVA Netbeans to find the area and perimeter of a rectangle. EXP. 12: Write a program in JAVA Netbeans to accept an alphabet from the user and check whether the alphabet is vowel or consonant. EXP. 13: Write a program in JAVA Netbeans to check whether a number is even or odd.</p>	Students Will Be Able To Do Programming In Java.																														
October	17	<p>EXP. 14: Write program in JAVA Netbeans to check leap year. EXP. 15: Write a program in JAVA Netbeans to print the following series: 1, 4, 9, 16, 25, 36, 49. EXP. 16: Write a program in JAVA Netbeans to find the factorial of a number $n = 1 * 2 * 3 * 4 * .. * n$. EXP. 17: Write a program in JAVA Netbeans to check whether a string is palindrome or not. EXP. 18: Write a program in JAVA Netbeans to check whether a number is prime or not. EXP. 19: Write a program in JAVA Netbeans to design simple calculator (+, -, *, /) using switch statement. EXP. 20: Write a program in JAVA Netbeans to print the Fibonacci Series by getting input of the number of terms in the series during run time. (0 1 1 2 3 5 8 13 21 34)</p>	Students Will Be Able To Do Programming In Java																														
November	20	<p>EXP. 21: Write a program in JAVA Netbeans to find the average of the given array 27, 38, 57, 84, 64. EXP. 22: Write a program in JAVA Netbeans to accept three numbers from the user and find the largest number. EXP. 23: Write a program in JAVA Netbeans to check whether a character is alphabet or not. EXP. 24: Write a program in JAVA Netbeans to swap two numbers without using a third variable. EXP. 25: Write a program in JAVA to create a class name STUDENT with the following descriptions: Data Members: Rollno, Name, Class, marks of three subjects, Total Marks and Average Marks Member Functions: (a) Create a constructor to initialize the values of the data members. (b) A function Calculate() to find the total and average marks of the students. (c) A function Display() to display the records of the students. Use Arrays to enter and display 5 such records of the students.</p>																															
December	20	Revision																															
January	24	ANNUAL PACTICAL EXAMINATION	-----																														
February	24	-----																															
March	23	-----	-----																														

SUBJECT - HPE (S1 - GAMES/SPORTS)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Athletics – Standing Broad Jump Team Game – Cricket	A	PPTs	Developing skills & using term to improve the overall success of a performance. Develop Neuromuscular & Co-ordination during game
May	13	Athletics – Running Team Game – Kabaddi	B	Group activity	Developing skills & using them to improve the overall success of a performance.
June	12	Athletics – Broad Jump Team Game – Basketball	C	PPTs	Developing skills & using them to improve the overall success of a performance. Develop explosive strength.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Athletics - Running Team Game - Boys - Football, Girls - Kho-Kho	D	PPTs	To enable an individual to enhance inner qualities - self-mastery, discipline, courage, confidence and efficiency
August	22	Athletics - Long Jump Team Game - Volleyball	E	PPTs	To develop more positive attitude towards challenges, winning and losing, thus preparing students for life and for the workplace
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Athletics - Shuttle Run Team Game - Badminton	F	PPTs	To develop more positive attitude towards challenges, winning and losing, thus preparing students for life and for the workplace
October	17	Athletics - Running, Jogging Team Game - Cricket	G	PPTs	To help release of emotional stress, anxiety and tension, leading to a reduced risk of depression
November	20	Athletics - Sit & Reach test, Partial curl up test Team Game – Volleyball Kabaddi	H	PPTs	To develop interest in exercise, sports and games for self-satisfaction and make it a part of life To develop abdomen strength & co-ordination
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	----	----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	-----			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT - HPE (S2 – HEALTH & FITNESS)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Jogging / Running Freehand Exercises, Skipping	A	Group activity in the field PPTs/Slide show	To make the pupils physically, mentally and emotionally fit and to develop such personal and social qualities that will help them to be good human beings.
May	13	Cycling, Callisthenics, Jumping Jack	B	Group activity in the field PPTs/Slide show	To develop interest in exercises, sports and games for self satisfaction and make it a part of life. Develop neuromuscular co-ordination during game.
June	12	Walking-Walking, Hiking, Freehand exercises	C	Group activity in the field PPTs/Slide show	To help strengthen peer relationships social bonding, buddy mentorship and team camaraderie.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Practice Asanas - Padmasana, Tadasana, Halasana	D	PPTs	To make the pupils physically, mentally and emotionally fit and to develop such personal and social qualities that will help them to be good human beings.
August	22	Running, Jogging, Freehand Exercises, Stair Training, Jumping Jack	E	PPTs	To make pupils physically mentally and emotionally fit.
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Practice Asanas - Trikonasana, Bhujangasana, Padmasana	F	PPTs	To make the pupils physically mentally and emotionally and socially fit.
October	17	Freehand Exercise, High Knees exercise, standing broad jump	G	PPTs	To make the pupils physically
November	20	Backward and forward jumping practice, Standing Broad Jump Gym work-out Aerobies	H	PPTs	To make the pupils physically, mentally and emotionally fit and to develop such personal and social qualities that will help them to be good human beings. To develop neuromuscular co-ordination
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	---	-----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	-----			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT - HPE (S3 – SEWA)

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Project – Being Safe and Responsible	A	Project Making	Students will understand the importance of being safe and responsible.
May	13	Common Emergencies and their Management	B	Video	Understand the importance of first-aid, dealing with cuts and bruises.
June	12	Basic life support and Resuscitation	C	Video	Understand the importance of first-aid, breathing difficulties, choking.
PT-1 (28.06.2024)					
PT-1 (01.07.2024 to 05.07.2024)					
July	24	Making First Aid Box	D	Demonstration	Learn to prepare a first aid kit
August	22	Being Safe and Responsible	E	Project Making	Students will understand the importance of being safe and responsible
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	Common Emergencies and their Management	F	Video	Understand the importance of first-aid, dealing with cuts and bruises.
October	17	Project : Care for the homeless children	G	Project Making	Understand and appreciate every child's right to an optimal standard of living health care, education and services and to play and records.
November	20	Brain storming session Preparing Action plan	H	Talks lectures Document Making	Become aware the issues of Homeless Develop deep insight into the living conditions of underprivileged children and support them.
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
1ST PRE-BOARD EXAMINATION : 02.12.2024 to 06.12.2024					
December	20	Revision	----	-----	-----
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025					
January	24	-----			
February	24	-----			
March	23	-----			

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT - HPE (S4 – HEALTH & ACTIVITY RECORD)

MONTH	W.D.	COURSE CONTENT
April	24	Issue of Health Card and Activity Record
May	13	General Body Measurements
June	12	General Body Measurements, Circumferences
July	24	Issue of Health Card and Activity Record
August	22	Posture Evaluation
September	25	Health Components
October	17	Skill Components
November	20	Collection of Health card and activity Record
December	20	-----
January	24	-----
February	24	-----
March	23	-----

SUBJECT – HEALTH EDUCATION

Text Book : CBSE SCHOOL HEALTH MANUAL BOOK

MONTH	W.D.	COURSE CONTENT	Sl. No.	ARTS INTEGRATED ACTIVITY	LEARNING OUTCOMES
April	24	Knowing your body	A	PPTs (BMI)	To keep body fit identifies factors affecting health & well being.
May	13	Food and Nutrition	B	Free Talks	Requirement of healthy food. Explains the need of nutritious food as penitent to health
June	12	Health and Hygiene Food and Nutrition Hygiene	C	Free Talks	Requirement of healthy food. Lists appropriate foods to provide adequate energy.
PT-1 (28.06.2024)					
July	24	Personal and Environmental Hygiene Balanced diet	D	PPTs	Importance of healthy, nutritious food
August	22	Physical Fitness (Balanced diet)	E	Free Talks	Personal experience on how to deal with such situations
HALF YEARLY EXAMINATION : 02.09.2024 to 13.09.2024					
September	25	First Aid Being Responsible	F	Free Talks	Personal experience on how to deal with such situations
October	17	Safe Evacuation, drill and Safety rules	G	Drills	Personal experience on how to deal with such situations
November	20	Behavioural and Life skills	H	Free Talks	Personality Development
1ST PRE-BOARD EXAMINATION : 26.11.2024 to 30.11.2024					
December	20	Revision	..	.....	.....
2ND PRE-BOARD EXAMINATION : 19.12.2024 & 20.12.2024					
January	24	2ND PRE-BOARD EXAMINATION : 03.01.2025 to 10.01.2025			
February	24	.....		
March	23	.....		

PORTION FOR PT- 1 : SL. NO. : A, B, C

PORTION FOR HALF YEARLY EXAM : SL. NO. : A, B, C, D, E

PORTION FOR 1ST & 2ND PRE-BOARD EXAM : SL. NO. : A TO H (ENTIRE SYLLABUS) (CBSE CURRICULUM)

SUBJECT – GENERAL STUDIES

MONTH	W.D.	COURSE CONTENT	LEARNING OUTCOMES
April	24	Science and Society	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Articulate the principles and processes of scientific inquiry , distinguish between scientific and non-scientific knowledge and recognize the importance of evidence in science. 2. Analyze the development and testing of scientific theories, apply critical thinking and skepticism in scientific inquiry. 3. Utilize their scientific knowledge and technological skills to serve for the betterment of the country at large.
May	13	Science and Society	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Articulate the principles and processes of scientific inquiry , distinguish between scientific and non-scientific knowledge and recognize the importance of evidence in science. 2. Analyze the development and testing of scientific theories, apply critical thinking and skepticism in scientific inquiry. 3. Utilize their scientific knowledge and technological skills to serve for the betterment of the country at large.
June	12	Contemporary Problems of Indian Society	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Understand Article– 24 which prevents child labour and prohibition of employment of children factories. 2. Realize the adverse effects on the health progress of doing work in a factory or mine or engaged in any other hazardous employment. 3. Gain awareness and update themselves on the rules and regulations provided by the government for prevention, prohibition, eradication and rehabilitations of children and adolescent workers. 4. Understand the various causes of malnutrition especially among rural areas, urban slums and children from below poverty, poor and urban slums. 5. Understand the causes which are associated with Juvenile crimes – poverty, drug abuse, anti-social peer group and domestic violence.
July	24	Contemporary Problems of Indian Society	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Understand Article– 24 which prevents child labour and prohibition of employment of children factories. 2. Realize the adverse effects on the health progress of doing work in a factory or mine or engaged in any other hazardous employment. 3. Gain awareness and update themselves on the rules and regulations provided by the government for prevention, prohibition, eradication and rehabilitations of children and adolescent workers. 4. Understand the various causes of malnutrition especially among rural areas, urban slums and children from below poverty, poor and urban slums. 5. Understand the causes which are associated with Juvenile crimes – poverty, drug abuse, anti-social peer group and domestic violence.

August	22	Career Pathways	<p>Students</p> <ol style="list-style-type: none"> 1. Enumerate the different career pathways available in Healthcare, Engineering, Technology, Business and Finance, Education, Trades, Creative arts, Science and engineering, public service and commit their interests to choose their career for their future as per their interest. 2. Analyze their strengths and the weaknesses and equip themselves with the training required to achieve their goal. 3. Gain real- world experiences and explore different career paths by interacting with professionals of their desired fields.
September	25	Social Responsibility	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Learn that it is their prime duty to save the environment for future generations to dwell happily. 2. Examine and identify the different types of pollution and spread the message of reducing harmful impact. 3. Develop leadership qualities by organizing social events
October	17	Human Rights	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Compare and contrast their views on UDHR and Indian constitutional rights. 2. Engage their thoughts for bringing a positive change in the society. 3. Develop cooperative skills, communication and active listening skills while conducting the survey. <p>Develop critical thinking, collaboration and creativity and become globally aware future citizens.</p>
November	20	Human Rights	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Compare and contrast their views on UDHR and Indian constitutional rights. 2. Engage their thoughts for bringing a positive change in the society. 3. Develop cooperative skills, communication and active listening skills while conducting the survey. 4. Develop critical thinking, collaboration and creativity and become globally aware future citizens.
INTERNAL ASSESSMENT			
December	20	.....	.....
January	24	.....	.....
February	24	.....	.....
March	23	.....	.....