

**ST. JOHN'S SCHOOL
GREATER NOIDA WEST
SESSION: 2026-27
CLASS: XII(SCIENCE)**

SUBJECT: ENGLISH CORE

SUBJECT CODE: 301

**NAME OF TEXTBOOKS: 1. Flamingo
2. Vistas**

MONTH	NO. OF DAYS	CHAPTER NAME	ACTIVITY
APRIL	18	<p><u>FLAMINGO:</u></p> <p>1. The Last lesson 2. Lost Spring</p> <p>Poem 1. My mother at sixty-six</p> <p><u>VISTAS:</u></p> <p>1. Third Level</p> <p><u>Writing Skills</u></p> <p>Notice Writing</p>	<p>Language on Trial” Courtroom Drama (students act as judge, villagers, Franz)</p> <p>Debate Panel Photo Story Narration (Child Labour)</p> <p>Reality vs Fantasy Memory Scrapbook Creation</p> <p>School Notice Board Simulation</p> <p>Debate, Role-plays, storytelling, poetic analysis, speech on mother tongue</p> <p>Competency-based Q&A, extract-based quiz, short test</p>
MAY	19	<p><u>FLAMINGO:</u></p> <p>3. Deep Water</p> <p>Poem 2. Keeping Quiet</p> <p><u>VISTAS:</u></p> <p>2. The Tiger King 3. Journey to the End of the Earth.</p>	<p>Fear-to-Fearless Timeline Chart</p> <p>Silent Reflection Activity (5 mins)</p> <p>Satire Meme Making journaling)</p> <p>Climate Change Podcast Recording</p>

		<p><u>Writing Skills:</u> Formal Invitation and Reply</p>	<p>Map work, storytelling, poetic analysis Class discussions, mock test</p>
JUNE	00	SUMMER BREAK	CBSE PROJECT WORK
JULY	23	<p><u>FLAMINGO:</u> 4.Ratrap 5.Indigo Poem 3: A Thing of Beauty <u>VISTAS:</u> 4.The Enemy <u>Writing Skills:</u> Informal Invitation and Reply</p>	<p>Moral Compass Game (decision-making scenarios) Press Conference with Gandhiji Behind-the-Scenes Script Writing Nature Photography + Caption Writing Ethical Dilemma Discussion Circle Role-plays, debates, recitation</p>
AUGUST	19	<p><u>FLAMINGO:</u> 6. Poet and Pancakes 7.Interview Poem 4: A Roadside Stand <u>VISTAS:</u> 5.On the face of it <u>Writing Skills:</u> Job Application</p>	<p>Mock Celebrity Interview Recording Rural vs Urban Poster Campaign “My Strength Story” Presentation Real Newspaper Submission Task Mock interviews, letter writing practice</p>
SEPTEMBER	20	<p><u>Writing Skills:</u> Job Application</p>	<p>“Hire Me Fair” (Live Interview Simulation) Resume writing, role-play interviews</p>
OCTOBER	18	<p><u>FLAMINGO:</u> 8.Going places</p>	

		Poem 5: Aunt Jennifer's Tiger <u>VISTAS:</u> 6.Memories of Childhood <u>Writing skills:</u> Article Writing Report Writing	Dream vs Reality Vision Board Symbolism Mapping Chart Case Study Discussion (Discrimination) School Magazine Article Submission Event Reporting Understand identity, feminism, and social issues Writing practice, discussions
NOVEMBER	17	Revision for Preboard I Examination along with the practice of Reading Section.	Escape Room Reading Challenge (solve clues from passages) Think-Pair-Share Sessions Skimming, scanning, inference tasks, mind maps
DECEMBER	21	Revision for Preboard II Examination	
JANUARY	15	Revision for Final Examination	
FEBRUARY	20	Final Examination	

SUBJECT- PHYSICS
NAME OF THE TEXTBOOK- NCERT

SUBJECT CODE-042

MONTH	No. of working days	CHAPTERS NAME	EXPERIMENTS / ACTIVITIES
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<p>MARCH- APRIL</p>	<p>18</p>	<ol style="list-style-type: none"> 1. Electric charge and electric field 2. Electric potential and capacitance 3. Current & Electricity 	<ol style="list-style-type: none"> 1. To find resistance of a given wire / standard resistor using metre bridge. Activity-1: To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. Activity-2: To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram. Activity-3: To assemble the components of a given electrical circuit.
<p>MAY</p>	<p>19</p>	<ol style="list-style-type: none"> 4. Moving charge and magnetic effect of current 5. Magnetism and matter 6. Electromagnetic induction 	<ol style="list-style-type: none"> 2. To verify the laws of combination (series / parallel) of resistances using a metre bridge. 3. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. Activity-4: To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. Activity-5: To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.

JULY	23	7. Alternating current 8. Electromagnetic waves 9. Ray optics and optical instruments	4. To find the frequency of AC mains with a sonometer. 5. To find the value of v for different values of u in case of a concave mirror and to find the focal length.
AUGUST	19	Ray optics and optical instruments (Conti...) 10. Wave optics Revision for Half yearly	6. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$. OR To find the value of refractive index of given liquid using concave mirror. Activity-6: To observe diffraction of light due to a thin slit. 7. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
SEPTEMBER	20	HALF YEARLY EXAMINATION	
OCTOBER	18	11. Dual nature of radiation 12. Atoms 13. Nuclei 14. Semiconductor Devices	8. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.
NOVEMBER	17	Revision & First Preboard	
DECEMBER	21	Revision & Second Preboard	
JANUARY	15	Revision & Board Practical Examinations	
FEBRUARY	20	REVISION+ANNUAL EXAMINATION	
MARCH	--		

SUBJECT-CHEMISTRY

NAME OF THE TEXTBOOK- NCERT

MONTH	UNIT NAME	N0. OF DAY S	LAB ACTIVITY/ EXPERIMENT	ACTIVITY
March	Unit 1- Solution	12	Determination of concentration/molarity of KMnO_4 solution by titrating it against a standard solution of oxalic acid	Determination of concentration/molarity of KMnO_4 solution by titrating it against a standard solution of oxalic acid and ferrous ammonium sulphate
April	Unit -6 Haloalkanes and Haloarenes	09	Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic	Game activity in group to compare reaction and reactivity of SN_1 and SN_2
	Unit -7 Alcohols, Phenols and Ethers	09	Tests for the functional groups present in organic compounds: ketonic, carboxylic and amino (Primary) groups.	To conduct lab activities to understand chemical properties of alcohols and phenols
May	Unit -2 Electrochemistry	10	Variation of cell potential in $\text{Zn}/\text{Zn}^{2+} \text{Cu}^{2+}/\text{Cu}$ with change in concentration of electrolytes (CuSO_4 or ZnSO_4) at room temperature.	The Galvanic cell game to build on students understanding of oxidation / reduction reactions and electrochemistry
July	Unit -3 Chemical kinetics	09	Effect of concentration and temperature on the rate of reaction between Sodium Thiosulphate and Hydrochloric acid.	Delayed reaction demonstration, to explain exothermic redox reaction, which takes longer to react than other reactions
	Unit -4 d- and f-block elements	09	Determination of concentration / molarity of KMnO_4 solution by titrating it against a standard solution of Ferrous Ammonium Sulphate	Make a chart comparing the chemical, physical and periodic properties of d- and f - block elements
	Unit- 5 Coordination compound	14	Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R_f values.	Activity to go on chemistry-based scavenger hunt i.e. to search real life examples of uses of coordination compounds

August	Unit- 8 Amines Unit- 9 Aldehydes , Ketones and Carboxylic acids	19	Qualitative analysis Determination of one cation and one anion in a given salt. Cation: Pb^{2+} , Cu^{2+} , As^{3+} , Al^{3+} , Fe^{3+} , Mn^{2+} , Zn^{2+} , Anions: $(CO_3)^{2-}$, S^{2-} , $(SO_3)^{2-}$, $(NO_2)^-$, $(SO_4)^{2-}$, Cl^-	Preparation of concept map based on classification, physical , chemical properties of amines
September	Unit- 9 Aldehydes , Ketones and Carboxylic acids(contd.)	20	Qualitative analysis Determination of one cation and one anion in a given salt. Cation: Cu^{2+} , Ni^{2+} , Ca^{2+} , Sr^{2+} , Ba^{2+} , Mg^{2+} , NH_4^+ Anions: Br^- , I^- , PO_4^{3-} , $(C_2O_4)^{2-}$, CH_3COO^- , NO_3^-	Chemistry cross word puzzle for aldehydes , ketones and carboxylic acids
October	Unit- 10 Biomolecules	18	Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs.	Picture analogies for each of the four macromolecules. (proteins , carbohydrates , lipids and nucleic acids)
November	Revision & First Preboard	17		
December	Revision & Second Preboard	21		
January	Revision & Board Practical Examinations	15		
February- March	REVISION+AN NUAL EXAMINATION	20		

SUBJECT: MATHEMATICS (041)

NAME OF THE TEXTBOOKS: NCERT , GOLDEN MATHEMATICS

LAB ACTIVITIES- NCERT BOOK

MONTH	DAYS	CHAPTERS	ACTIVITIES
MARCH	11	Chapter-3- Matrices Chapter-4- Determinants	BLOCK TEACHING
APRIL	18	Chapter-12- Linear Programming Chapter-1- Relations and Functions Chapter-2- Inverse Trigonometric Functions Chapter-5- Continuity and differentiability (up to continuity)	To determine a function which is not one-one but onto To explore the principal value of the function $\sin^{-1}x$ using a unit circle.
MAY	19	Chapter-5- Continuity and differentiability (continued) Chapter-6- Applications of derivatives	To find analytically the limit of the function $f(x)$ at $x=c$ and also to check the continuity of the function at that point. To understand the function of increasing and decreasing function.
JULY	23	Chapter-6- Applications of derivatives(continued) Chapter-7- Integrals	To understand the function of increasing and decreasing function. To understand the concepts of local maxima, local minima and point of inflection.
AUGUST	19	Chapter-8- Applications of Integrals Chapter-9 Differential Equations	To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.
SEPTEMBER	20	Chapter-9 Differential Equations(continued) Revision of Half yearly	
OCTOBER	18	Chapter-10- Vectors Chapter-11-Three - Dimensional Geometry Chapter-13- Probability	To verify the angle in semicircle is a right angle, using vector method. To verify geometrically a vector equation. To measure the shortest distance between two skew lines and verify it analytically.

			To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.
NOVEMBER	17	PRE- BOARD I & PRE- BOARD 11	
DECEMBER	21		
JANUARY	15		
FEBRUARY	20		

SUBJECT: COMPUTER SCIENCE (083)

SUBJECT TEACHER: Ms. PRIYANKA CHAUHAN / Ms. SONAL

BOOK NAME: COMPUTER SCIENCE WITH PYTHON (SULTAN CHAND PUBLICATION)

MONTH	NO. OF DAYS	CHAPTERS COVERED	LAB ACTIVITY
MARCH	11	Chapter-1 Review of Python Basics	1. Create a menu driven program to perform arithmetic operations. 2. Create a python program to display Fibonacci series. 3. Create different patterns using Nested for loop. 4. Application of String, List, Tuple and Dictionary built-in functions.
APRIL	18	Chapter-2 Functions Chapter-3 Exception Handling Chapter-5 Data Structures in Python	1. Creating a menu driven program to find factorial and sum of list of numbers using function. 2. Creating a python program to implement returning value(s) from function. 3. Creating a python program to implement mathematical functions.

			<p>4. Creating a python program to generate random number between 1 to 6</p> <p>5. Creating a python program to implement stack operations (list).</p> <p>6. Creating a python program to implement stack operations (dictionary).</p>
MAY	19	Chapter-4 Data File Handling	<p>1. Creating a python program to copy particular lines of a text file into another text file.</p> <p>2. Creating a python program to create and search records in binary file.</p> <p>3. Creating a python program to create and update/modify records in binary file.</p> <p>4. Creating a python program to create and search employee's record in csv file.</p> <p>5. Creating a python program to read a text file line by line and display each word separated by '#'. #</p> <p>6. Creating a python program to read a text file and display the number of vowels/consonants/lower case/ upper case characters.</p>
JUNE			PRACTICAL & PROJECT FILE WORK
JULY	23	Chapter-7 Relational Database and SQL	<p>1. SQL Queries to create table, insert data, update data, delete data and applying join operation.</p> <p>2. Applying Group BY and Having clause in SQL.</p> <p>3. Use of aggregate functions in SQL.</p> <p>Project File Work</p>
AUGUST	19	Chapter-8 Interface Python with SQL	<p>1. Creating a python program to integrate MySQL with python (creating database and table)</p> <p>2. Creating a python program to integrate MySQL with python (inserting records and displaying records)</p>

			3. Creating a python program to integrate MySQL with python (searching and displaying records) 4. Creating a python program to integrate MySQL with python (updating records)
SEPTEMBER	20	HALF YEARLY EXAM	Practical Exam
OCTOBER	18	Chapter-6 Computer Networks	Revision of File Handling and SQL.
NOVEMBER	17	Revision for Pre board 1	Mock Practical Exam
DECEMBER	21	Revision for Pre board 2	
JANUARY	15	Remedial classes & Revision for Final Exam	Annual Practical Exam
FEBRUBARY	20	Annual Exam	

SUBJECT: PSYCHOLOGY

SUBJECT CODE: 037

NAME OF TEXTBOOKS: NCERT PSYCHOLOGY TEXTBOOK

MONTH	NO. OF DAYS	CHAPTER NAME	ACTIVITY
MARCH	11	Chapter 1: Variations in Psychological Attributes	<ul style="list-style-type: none"> • To understand the meaning of the concept of individual differences in psychology and how it can be seen in human functioning. • To learn about various methods used to assess psychological attributes. • To know about various theories of intelligence broadly explained through both the approaches i.e., Psychometric and Information-processing. • To discuss the role of heredity and environment in the development of individual differences. • To know various methods used to measure intelligence and aptitude, including standardized and projective techniques.

			<ul style="list-style-type: none"> • To explain what constitute to intelligence behaviour and learn how psychologist assess intelligence to identify Intellectual deficient or gifted individual.
APRIL	18	<p>Chapter 1: Variations in Psychological Attributes</p> <p>Practical 1: Raven's Standard Progressive Matrices</p> <p>Chapter 2 : Self and Personality</p>	<ul style="list-style-type: none"> • Analyze the cultural and social factors that influence individual differences in intelligence and aptitude. • Understand the concept of creativity and its relationship with intelligence. • Conduction of Intelligence test – RSPM and result interpretation. • Revision of chapter, MCQs practice, interactive Q&A, and a mock test to seal the concepts! • To introduce the concept of self and its significance in psychology. • To understand the cognitive and behavioral aspects of self, including the self-concept, self-esteem, and self- efficacy. • Explain the role of socialization and culture in shaping the development of self and personality. • Explain the concept of self-actualization and its relationship with personal growth and fulfillment. • Discuss the different factors that contribute to the formation of positive and negative self-concepts, including feedback from others, past experiences, and cultural norms. • Analyze the impact of social media and technology on the development of self and personality.
			<ul style="list-style-type: none"> • To understand the concept of Personality and its characteristics. • Analyze the factors that contribute to the formation of

MAY	19	<p>Chapter 2 : Self and Personality</p> <p>Practical 2 : Maudely Personality Inventory</p> <p>Chapter 3: Meeting Life Challenges</p>	<p>personality traits, including genetics, environment, and culture.</p> <ul style="list-style-type: none"> • Discuss the major approaches which proposed different theories of personality development, including the psychodynamic, behavioral, and humanistic approaches. • Describe the different mechanisms of defense used by individuals to cope with stress and anxiety, including repression, denial, and rationalization. • Describe techniques of personality assessment such as Psychometric tests, Self-report measures, Projective techniques and Behavioral Analysis. • Conduction of personality test i.e., MPI and its result interpretation. • Understand the nature, types and sources of stress and its significance in psychology. • Identify the different types of stressors, including environmental, interpersonal, and internal stressors. • Analyze the impact of stress on physical and mental health, including the development of stress-related disorders such as anxiety and depression. • Describe the different psychological and physiological responses to stress, including the fight-or-flight response and the general adaptation syndrome. • Final Week – Revision, Doubt Session, Interactive discussions on the Mind map of the chapter, and a mock test!
JUNE		SUMMER BREAK	Preparation of Case Profile - Psychology Project and Practical Files as per CBSE guidelines

<p>JULY</p>	<p>23</p>	<p>Chapter 3: Meeting Life Challenges</p> <p>Practical 3: Adjustment Inventory for School Students</p>	<ul style="list-style-type: none"> • Recapitulation of the chapters done before vacation through Peer teaching. • Discussion of Project and Practical files work. • Analyze the different coping strategies used to manage stress, including problem focused coping and emotion focused coping. • Understand the concept of resilience and its role in coping with adversity and stress and the different factors that contribute to the development of resilience, including social support, positive thinking, and adaptive coping skills. • Understand the concept of positive psychology and its focus on promoting well- being and positive emotions. • Identify the different factors that contribute to happiness and well-being, including positive relationships, a sense of purpose and a growth mindset. • Discuss the role of mindfulness and meditation in reducing stress and promoting well-being. • Conduction of Practical AISS and its result interpretation, • Revision, Practice of PYQ related to chapter and mock test. • Understand the concept of abnormal behavior, psychological disorders and its historical background. • Describe the different approaches to the classification of psychological disorders, including the DSM and the ICD. • Identify the different categories of psychological disorders, including anxiety disorders, mood disorders, and personality disorders. • Analyze the different causes of psychological disorders,
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		Chapter 4: Psychological Disorders	including biological, psychological, and social factors.
AUGUST	19	Chapter 4: Psychological Disorder Practical 4 : Sinha's Comprehensive Anxiety Text Chapter 5: Therapeutic Approaches	<ul style="list-style-type: none"> • Understand the concept of comorbidity and its significance in the diagnosis and treatment of psychological disorders. • To develop awareness of mental health, stigmas and symptoms of psychological disorders. • Identify the different methods used to diagnose psychological disorders, including clinical interviews and psychological tests. • Conduction of practical SCAT and its result interpretation. • Understand the concept of psychotherapy and its significance in the treatment of psychological disorders. • Identify the different approaches to psychotherapy, including psychodynamic, behavioral, cognitive, and humanistic therapies. • Describe the techniques used in psychodynamic therapy, including free association and dream interpretation. • Analyze the techniques used in behavioral therapy, including exposure therapy and systematic desensitization. • Understand the techniques used in cognitive therapy, including cognitive restructuring and cognitive-behavioral therapy. • Describe the techniques used in humanistic therapy, including client-centered therapy and gestalt therapy. • Understanding the contributing factors to healing in

			<p>Psychotherapy and the ethical standards that are practiced by professional psycho-therapists.</p> <ul style="list-style-type: none"> • Discuss the role of alternative therapies, including art therapy and mindfulness-based therapy, in the treatment of psychological disorders. • Understand the components of psychological disorders treatment and the ways to rehabilitate the clients through therapy and skills. • Final Week – Quick recap, practice of PYQs & a power-packed mock test!
SEPTEMBER	20	Chapter 6: Attitude and Social Cognition	<p>Revision for Half Yearly Examination</p> <ul style="list-style-type: none"> • Understand the concept of attitude and its significance in social by introducing the lesson with real-life examples or case studies that illustrate attitudes. • Identify the different components of attitude, including affective, behavioral, and cognitive components. • Divide the class into small groups and instruct each group to design an attitude survey on. Connect the concepts of attitude and social cognition to other disciplines such as sociology. • Analyze the factors that influence the formation and change of attitudes, including cognitive dissonance and social influence. • Understand the attitude behavior relationship • Define Prejudice and Discrimination and discuss the possible sources of prejudice. • Understand the strategies for handling prejudice effectively. • Revision and Exit Activity for the chapter.

OCTOBER	18	<p>Practical 5: Self Concept Questionnaire</p> <p>Chapter 7: Social Influence and Group Processes</p>	<ul style="list-style-type: none"> • Conduction of Practical SCQ and its result interpretation. • Understand the concept of group and how it is formed. • Discuss the factors that facilitate group formation and stages of group formation. • Identify the different types of groups, including formal and informal groups, in-groups and out-groups, and reference groups. • Understand the concept of group think and its negative consequences for decision-making in groups. • Understand the concept of social facilitation and its significance in group processes. • Analyze the factors that influence social facilitation, including task difficulty and individual ability. • Understand the concept of group polarization and its significance in group decision-making. • Analyze the factors that contribute to group polarization, including group discussion and informational influence. • Final Week – Doubts session, Practice of Sample papers and a confidence-boosting mock test!
NOVEMBER	17	Revision for Preboard I Examination along with the practice of sample papers.	<ul style="list-style-type: none"> • Practice of the Sample papers. • Completion and Submission of the Psychology Practical and Project file.
DECEMBER	21	Revision for Preboard II Examination	
JANUARY	15	Revision for Board Examination	
FEBRUARY	20	Final Examination	

SUBJECT: BIOLOGY (044)

SUBJECT TEACHER: MS. KRISHNA SINGH

Name of the textbooks - NCERT BIOLOGY

Practical –NCERT LAB MANNUAL

Practice Booklet - MTG/Exam Idea

MONTH	INSTRUCTIONAL -DAYS	CHAPTERS- TOPICS TO BE COVERED	PRACTICAL / ACTIVITY (SPOTTING)	PRACTICAL EXPERIMENTAL	REMARKS / IMPORTANT POINTS
APRIL	18	Ch 1: Sexual Reproduction in Flowering Plants	Pollination, pollen germination	Temporary mount	Board class strategy - NCERT line focus, diagram practice
MAY	19	Ch 2: Human Reproduction Ch 3: Reproductive Health 11-may onwards - PA 1 X and XII	T.S. slides testes, ovary, meiosis.	Onion root tip mitosis	Sensitive topics → conceptual clarity required
JUNE	00	SUMMER BREAK	—	—	Assign revision + diagrams + Investigatory project to complete investigation and record authentic case studies.
JULY	23	Ch 4: Principles of Inheritance 6th July onwards - PA 2 (X & XII)	Mendelian traits, pedigree	DNA isolation	Most important unit (high weightage) - continue ----
AUGUST	19	Ch 5: Molecular	Homologous/analogous - us	Pathogens models	Most important unit (high

		Basis of inheritance Ch 6: Evolution Ch 7: Human Health & Disease		Ecological models	weightage) Concept-based + theory linking, Graph based pictorial questions.
SEPTEMBER	20	Revision for Term -I 8th sept onwards – Term – I Exam	—	—	Half-yearly + practical & project record submission.
OCTOBER	18	Ch 8: Microbes Ch 9: Biotechnology Principles Ch 10: Biotechnology Applications	—	—	Focus on application-based questions
NOVEMBER	17	Ch 11: Organisms & Populations Ch 12: Ecosystem Ch 13: Biodiversity Revision for Full syllabus - 23rd Nov onwards - PB –I		Quadrat method – Population density & %	Scoring unit → diagrams & flowcharts
DECEMBER	21	REVISION + PRE-BOARD II 18th Dec – Onwards – PBII/ Board – Practical assessment	Practical file submission	—	Full syllabus test

JANUARY	15	REVISION + PRE-BOARD 2 /Board Practical assessments	Practice & doubt sessions –Extended support	—	Board pattern practice
FEBRUARY	20	FINAL REVISION BLOCK TEACHING (11–27 March)	Weak areas	—	Final polishing
MARCH	—	Revision / differential cases	—	—	Board readiness + doubt clearing

SUBJECT: PHYSICAL EDUCATION

SUBJECT TEACHER: MR. ANIL CHAUHAN

Month	Days	Topics Covered	Activities
March	11	Unit 1: Management of Sporting Events	Lecture, Case Studies, MCQs
April	18	Unit 2: Children & Women in Sports Unit 3: Yoga as a Preventive Measure for Lifestyle Diseases	Group Discussion, Practical Sessions, Worksheet
May	19	Unit 4: Physical Education & Sports for CWSN Unit 5: Sports & Nutrition	Research Projects, Short Quizzes
July	23	Unit 6: Test & Measurement in Sports Unit 7: Physiology & Injuries in Sport	Practical Demonstrations, Case-Based Questions
August	19	Unit 8: Biomechanics & Sports Unit 9: Psychology & Sports	Concept Mapping
September	20	Term 1 Revision	Mock Tests
October	18	Unit 10: Training in Sports	Scenario-Based Learning, Viva
November	17	Full Syllabus Revision & Class Test	Board Pattern Test Papers
December	21	Revision & Pre-Board	Sample Papers, Oral Testing
January	15	Pre-Board	
February	20	Pre-Board	

SUBJECT-HINDUSTANI VOCAL MUSIC

Month	Inst.Days	Theory	Practical
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March		Brief study of the following:- Alankar,Kan,Meend,Khatka, Murki, Gamak. Tala Notation Jhaptala	Raag Bhairav Chotta Khyaal
April	18	Brief study of the following Gram, Murchhana,Alap, Tana. Life sketch and Contribution of Bade Ghulam Ali Khan	Raag Malkauns Chotta Khyaal,Bara Khyaal
May	19	Time theory of Ragas,Sangeet Ratnakar, Sangeet Parijat	Raag Bageshwari Chotta Khyaal
June	0		
July	23	Tunning of Tanpura,Noation of dhamar taal	Dhamar,Revision of Malkauns
August	19	Life sketch and contribution of Faiyaz Khan,Krishna Rao Shankar Pandit, Taal Rupak	Revision of Malkauns,Bhairav
September	20		
October	18	Raga Descriptions of Bhairav, Malkauns & Bageshwari	Critical Phrases of Ragas
November	17	PreBoards&Revision	
December	21		
January	15		
February	20		

SUBJECT: ECONOMICS

SUBJECT CODE:030

NAME OF TEXTBOOKS: 1. MACRO ECONOMICS

2. INDIAN ECONOMIC DEVELOPMENT

MONTH	No. OF DAYS	UNIT/ CHAPTER NO.	CHAPTER NAME	ACTIVITY
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MARCH	12	1(MACRO ECONOMICS)	CIRCULAR FLOW OF INCOME	1.WORKSHEET Diagram of Circular flow of Income in Two sector model / closed economy, Diagram of Real flow and Money flow
APRIL	19	1(MACRO ECONOMICS) 1(INDIAN ECONOMIC DEVELOPMENT)	CIRCULAR FLOW OF INCOME (Continuation), INDIAN ECONOMY ON THE EVE OF INDEPENDENCE)	2. WORKSHEET Group discussion on: <ul style="list-style-type: none"> • A dominance of agriculture • A stagnant industrial sector • A skewed foreign trade pattern • An exploitative land ownership system • A high degree of under development During British rule CLASS TEST
MAY	18	2,3,4(MACRO ECONOMICS)	BASIC CONCEPTS OF MACRO ECONOMICS, NATIONAL INCOME AND RELATED AGGREGATES, MEASUREMENTS OF NATIONAL INCOME	3. WORKSHEET Identification of goods as: <ul style="list-style-type: none"> • Domestic good or National good • Final good or Intermediate good • Capital good or Consumer good • Factor Income or Transfer Income 4. WORKSHEET: Numerical : Value added, Income, Expenditure method to calculate Domestic Income and National Income.

				CLASS TEST
JUNE	00		PROJECT	<p>TOPICS WILL BE GIVEN FROM CBSE GUIDELINES</p> <p><u>Objectives of the Project</u></p> <ul style="list-style-type: none"> • Probe deeper into theoretical concepts learnt in classes XI and XII • Analyse and evaluate real world economic scenarios using theoretical constructs and arguments • Demonstrate the learning of economic theory • Follow up aspects of economics in which learner have interest • Develop the communication skills to argue logically <p><u>Expectation of the project</u></p> <ul style="list-style-type: none"> • Project should be of 3500 – 4000 words (excluding diagram and graphs), preferably hand written. • It will be an independent , self - directed piece of study <p><u>Learners may work upon the following lines as a suggested flow chart:</u></p> <p>Choose a title / topic</p> <p style="text-align: center;">↓</p>

				<p>Collection of the research material</p> <p style="text-align: center;">↓</p> <p>Organization of material/data</p> <p style="text-align: center;">↓</p> <p>Present material/data</p> <p style="text-align: center;">↓</p> <p>Analysing the material/data for conclusion</p> <p style="text-align: center;">↓</p> <p>Draw the relevant conclusion</p> <p style="text-align: center;">↓</p> <p>Presentation of the project work</p>
JULY	25	<p>4(MACRO ECONOMICS)</p> <p>2,3(INDIAN ECONOMIC DEVELOPMENT)</p>	<p>MEASUREMENT OF NATIONAL INCOME, INDIAN ECONOMY (1950-1990), LIBERALISATION, PRIVATISATION AND GLOBALISATION)</p>	<p>5. WORKSHEET</p> <ul style="list-style-type: none"> • Reasons for adaptation of New Economic Policy (1991) • Significance of adoption • Factors responsible for Globalisation • Impact of Globalisation on World economy <p>CLASS TEST</p>
AUGUST	22	<p>5,6(MACRO ECONOMICS)</p> <p>4,5(INDIAN ECONOMIC DEVELOPMENT)</p>	<p>MONEY, BANKING, HUMAN CAPITAL FORMATION, RURAL DEVELOPMENT</p>	<p>6. WORKSHEET</p> <p><u>Preparation of mind map:</u></p> <p>Function of money</p> <p>Components of money supply</p> <p>Function of commercial bank and Central bank</p> <p>ACTIVITY:</p>

				<ol style="list-style-type: none"> Group discussion on “Agricultural subsidy – against/ favour Group discussion on “Distribution of GDP on - primary education/ vocational education/ higher education <p>CLASS TEST</p>
SEPTEMBER	11	10,11(MACRO ECONOMICS) 6,7,8 (INDIAN ECONOMIC DEVELOPMENT)	<p>GOVERNMENT BUDGET, BALANCE OF PAYMENT, EMPLOYMENT, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT, COMPARATIVE DEVELOPMENT EXPERIENCES OF INDIA AND ITS NEIGHBOURS</p> <p>Revision of Half Yearly Examination</p>	<p>7. WORKSHEET</p> <p>Structure of Government Budget</p> <p>Formation of Capital account and Current account</p> <p>Structure of Balance of Payment</p> <p>ACTIVITY:</p> <p>Group discussion on impact of G-20 on Sustainable development of our country</p> <p>Half yearly Examination</p>
OCTOBER	18	7,8,9(MACRO ECONOMICS)	<p>AGGREGATE DEMAND AND RELATED CONCEPTS, INCOME DETERMINATION AND MULTIPLIER, EXCESS DEMAND AND DEFICIENT DEMAND</p>	<p>8. WORKSHEET</p> <p>Numerical: Propensity to consume, Propensity to save, Investment multiplier</p> <p>Diagram: Derivation of savings curve from Consumption curves and vice-versa</p> <p>CLASS TEST</p>
NOVEMBER	10		<p>Revision for Preboard I Examination along with the practice of</p>	<p>Solving of sample paper, CBSE Board examination (10 years)</p>

			Numerical from National Income Accounting and Investment Multiplier	CLASS TEST- Multiple topic from Marco economics and Indian economic development
DECEMBER	17	Revision for Preboard II Examination		Educational Trip As per related topic
JANUARY	07	Revision for Final Examination	<u>Solving the Pre board paper of:</u> Kendriya vidhyalaya of different zone of India, Sarvodaya vidhyalaya of different zone of India and other school also	
FEBRUARY	06	Final Examination started		
MARCH				

SUBJECT – HINDI ELECTIVE

SUBJECT CODE: 002

NAME OF BOOK: 1. ANTRA BHAG - 2

2. ANTRAAL BHAG -2

3. ABHIVYAKTI AUR MADHYAM

MONTH	CHAPTER NO. & NAME	ACTIVITY
MARCH (मार्च)	अंतरा भाग- 2 (पद्य खंड) पाठ-1 जयशंकर प्रसाद (क) देवसेना का गीत (ख) कार्नेलिया का गीत अंतरा भाग- 2 (गद्य खंड) पाठ-1 प्रेमघन की छाया - स्मृति अभिव्यक्ति और माध्यम पाठ-3 जनसंचार माध्यम और लेखन : विभिन्न माध्यमों के लिए लेखन	भोर के दृश्य को देखकर अपने अनुभव काव्यात्मक शैली में लिखिए। चौधरी जी के व्यक्तित्व को बताने के लिए पाठ में कुछ मजेदार वाक्य आए हैं, उन्हें छाँटकर उनका संदर्भ लिखिए। अवधारणा मानचित्र

<p>APRIL (अप्रैल)</p>	<p>अंतरा भाग- 2 (काव्य खंड) पाठ-2 सूर्यकांत त्रिपाठी 'निराला' (ख) सरोज स्मृति पाठ-3. सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' (क) यह दीप अकेला (ख) मैंने देखा एक बूँद अंतरा भाग- 2 (गद्य खंड) पाठ-2 सुमिरिनी के मनके पाठ-4 संवदिया अंतराल भाग- 2 पाठ-1 सूरदास की झोंपड़ी श्रवण कौशल</p>	<p>'सरोज स्मृति' पूरी पढ़कर आम आदमी के जीवन संघर्षों पर कक्षा चर्चा। भारतीय दर्शन में 'सागर' और 'बूँद' का संदर्भ लेखन। मुख्य दो पात्रों की चारित्रिक विशेषताओं का तुलनात्मक अध्ययन। संवदिया की भूमिका आपको मिले तो आप क्या करेंगे (कक्षा परिचर्चा)</p>
<p>MAY (मई)</p>	<p>अंतरा भाग- 2 (काव्य खंड) पाठ-4. केदारनाथ सिंह (क) बनारस (ख) दिशा अंतरा भाग- 2 (गद्य खंड) पाठ-5 गांधी, नेहरू और यास्सेर अराफ़ात अंतराल भाग- 2 पाठ-3 बिस्कोहर की माटी अभिव्यक्ति और माध्यम पाठ-4 पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया पाठ-5 जनसंचार माध्यम और लेखन : विशेष लेखन - स्वरूप और प्रकार अपठित गद्यांश/पद्यांश</p>	<p>बनारस के चित्र एकत्रित कीजिए और इसकी विशेषताएँ लिखिए। यास्सेर अराफ़ात जी के आतिथ्य से क्या प्रेरणा मिलती है और अपने अतिथि का सत्कार आप किस प्रकार करना चाहेंगे। अपने विचार व्यक्त कीजिए। पाठ से गाँव के बारे में आपको क्या-क्या जानकारियाँ मिली कक्षा में चर्चा कीजिए। जनसंचार माध्यम (उल्टा पिरामिड शैली, फीचर लेखन, आलेख लेखन पर अपने विचार व्यक्त कीजिए।</p>
<p>JUNE (जून)</p>	<p>परियोजना कार्य</p>	
<p>JULY (जुलाई)</p>	<p>अंतरा भाग- 2 (काव्य खंड) पाठ-6 रघुवीर सहाय (क) वसंत आया (ख) तोड़ो पाठ-7 तुलसीदास (क) भरत-राम का प्रेम (ख) पद अंतरा भाग- 2 (गद्य खंड)</p>	<p>वसंत ऋतु पर किन्हीं दो कवियों की कविताएँ खोजिए और इस कविता से उनका मिलान कीजिए। परियोजना कार्य चारों पद्यांश की सप्रसंग व्याख्या कीजिए। कहानी और लघुकथा में अंतर।</p>

	<p>पाठ-6 शेर, पहचान, चार हाथ, साझा</p> <p>पाठ-7 जहाँ कोई वापसी नहीं</p> <p>अभिव्यक्ति और माध्यम</p> <p>पाठ-13 सृजनात्मक लेखन : नए और अप्रत्याशित विषयों पर लेखन</p>	<p>अवधारणा मानचित्र</p> <p>अप्रत्याशित विषयों पर लेखन गतिविधि</p> <p>कुछ समसामयिक विषय दिए जाएँगे। उन पर अपने विचार व्यक्त करने होंगे।</p>
<p>AUGUST (अगस्त)</p>	<p>अंतरा भाग- 2 (काव्य खंड)</p> <p>पाठ-8 मलिक मुहम्मद जायसी : बारहमासा</p> <p>पाठ-9 विद्यापति : पद</p> <p>अंतरा भाग- 2 (गद्य खंड)</p> <p>पाठ-9 दूसरा देवदास</p> <p>अभिव्यक्ति और माध्यम</p> <p>पाठ-6 सृजनात्मक लेखन : कैसे बनती है कविता</p> <p>पाठ-7 सृजनात्मक लेखन : नाटक लिखने का व्याकरण</p> <p>पाठ-8 सृजनात्मक लेखन : कैसे लिखें कहानी</p>	<p>पदों की सप्रसंग व्याख्या (कक्षा में चर्चा)</p> <p>पाठ का केंद्रीय भाव लिखिए तथा अवधारणा मानचित्र बनाइए।</p> <p>ममता कालिया जी की 'दूसरा देवदास' कहानी पढ़िए और उस पर बनी फिल्म देखिए।</p> <p>कविता लेखन</p> <p>नाटक और कहानी लेखन में ध्यान रखने योग्य बातें लिखिए।</p>
<p>SEPTEMBER (सितंबर)</p>	<p>दोहराव, exam</p>	
<p>OCTOBER (अक्टूबर)</p>	<p>अंतरा भाग- 2 (काव्य खंड)</p> <p>पाठ-11 घनानंद - कवित</p> <p>अंतरा भाग- 2 (गद्य खंड)</p> <p>पाठ-10 कुटज</p> <p>अंतराल भाग- 2</p> <p>पाठ-4 अपना मालवा-खाऊ-उजाड़ू सभ्यता में</p> <p>अभिव्यक्ति और माध्यम</p> <p>पाठ-11 कैसे करें कहानी का नाट्य रूपांतरण</p> <p>पाठ-12 सृजनात्मक लेखन : कैसे बनता है रेडियो नाटक</p>	<p>कवित याद करके कक्षा में सुनाइए।</p> <p>कुटज के बारे में उसकी विशेषताएँ बताने वाले दस वाक्य पाठ से छाँटिए और उनकी विवेचना कीजिए।</p> <p>पर्यावरण को विनाश से बचाने के लिए आप क्या कर सकते हैं? उसे कैसे बचाया जा सकता है? अपने विचार व्यक्त कीजिए।</p> <p>कहानी लेखन</p> <p>रेडियो नाटक पर क्विज़ (प्रश्नोत्तरी)</p>
<p>NOVEMBER (नवंबर)</p>	<p>PRE BOARD-1 REVISION</p>	

DECEMBER (दिसंबर)	PRE BOARD-2 REVISION	
JANUARY	REVISION	
FEBRUARY	ANNUAL EXAMS	

SUBJECT: LEGAL STUDIES

SUBJECT CODE: (074)

NAME OF THE TEXTBOOK : LEGAL STUDIES -XII (NCERT)

MONTH	NO OF DAYS	UNIT/CHAPTER NO.	CHAPTER NAME	ACTIVITY
MARCH	4	Unit 3 :Business Laws Chapter 3B, Chapter 3D	Law of Torts , Intellectual Property Law	Find real-life cases
APRIL	12	Unit 3 : Business Laws Chapter 3A, Chapter 3C	Law of Contract ,Law of Property	1.Draft a simple Contract- Students will create a basic agreement (rent,sale,service). 2. Property Rights Debate: Topic : “Should property rights be absolute?”
MAY	10	Unit 5 :Concept of Human Rights Chapter 5A, Chapter 5b	Human Rights in India, Human Rights Violations- Complaint Mechanism (Quasi-Judicial bodies)	Poster Making (Awareness) Students create posters on rights like equality, freedom, dignity.
JULY	12	Unit 4 :General Laws Chapter 4A, Chapter 4B, Chapter 4C	Law and Sustainable Development, Forms of Legal Entities, Criminal Laws in India.	Debate / Group Discussion Topic: “Development vs Environment – Should law favor one more?”
AUGUST	12	Unit 1: Judiciary	1.Judiciary	Comparison Activity Students create a table: Court vs

		Unit 2 : Alternative Dispute Resolution in India (ADR)	2.Alternative Dispute Resolution in India (ADR)	ADR (time, cost, effectiveness).
SEPTEMBER	12	Unit 6 : International Laws	a)Introduction b) Historical Evolution of International Law c) What is International Law?	Current Affairs Discussion Students bring news on international conflicts or treaties → relate to international law principles.
OCTOBER	10	Unit-7 : Legal Profession in India Unit 8: Legal Services	a) The Advocate Act,1961 b) Lawyers and Professional Ethics c) Advertising by Lawyers d) Liberalization and Globalization of legal profession e) Women and Legal Profession f) Legal Education in India, USA and UK g) Opportunities for Law Graduates a) Brief history of Legal services b) Free Legal Aid under Criminal law c) Legal aid by the State d) Legal Aid under the Indian Constitution e) National Legal Services Authority(NALSA) f) Legal Services Authority Act,1987 g) Legal Aid in context of social justice and Human Rights	Professional Code of Conduct Activity Students list ethical duties of lawyers → create a poster or flowchart.
NOVEMBER	17	Pre- Board I revision full syllabus	Revision Full Syllabus	CBSE sample papers, Previous

				Year Question Papers
DECEMBER	20	Doubt and Revision	Revision	Worksheets
JANUARY	14	Pre-Board II	Revision	
FEBRUARY	20	Annual Examination	Annual Examination	