

LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - ENGLISH (301)

MONTH			NAME OF THE CHAPTERS	Project / Art Integration	
Annual/Pre-Board	Half -Yearly	PA-1	Apr	The Last Lesson (Prose)	Write a report based on Covid situation in you locality.
				My Mother at Sixty Six (Poetry)	
				The Third Level.	
			May	Posters	
				Notice Writing,	
				Deep Water	
		The Rattrap			
		Speech			
		Jul	PA-2	Aug	Debate
					Tiger King
					The Enemy
					Keeping Quiet (Poetry)
	Sep	Oct	Nov	Letter Writing	
				Indigo	Art Integration
				Poets and Pancakes	
	Dec	Jan	Feb +Mar	A Thing of Beauty (Poetry)	
				Invitations	
	PA-2	PA-1	Apr	Journey to the end of the Earth	
				The Interview	
	PA-1	May	Jun	A Roadside stand (Poetry)	
				Aunt Jennifer's Tigers	
	PA-2	Jul	Aug	On the face of it	
				Going Places	
	PA-1	Sep	Oct	Memories of childhood	
Revision					
Board Exam					

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - HINDI (302)

SUBJECT TEACHER:- Mr. Punit Verma							
MONTH			NAME OF THE CHAPTERS	ART INTEGRATION, ACTIVITY & PROJECT			
Annual/Pre-Board	Half -Yearly	PA-1	APR	dqaoj ukjl;.k& dfork ds cgtkus			
				HkfDru& egknsoh oekZ			
				cktkj n'kZu& tSusanz dqekj			
			MAY	tulapkj			
				lekpkj vkSj Isikndh;			
				bysDV ^a Wkfud lspkj ek;/e			
		JUL	gfjoa'k jk; cPpu			ASL	
			vkyksd /kUok	PS-	c<+rh tula[;k dk Hk;kcq :i		
			j?kqohj lgk;	CS-	jktuhfr vkSj /keZ		
			AUG	dkys es?kk ikuh ns			
				flYoj osfMax			
				i=dkfjrk			
	SEP	lekpkj ys[ku					
		fo'ks"k ys[ku					
		'ke'ksj cgknqj flag					
	PA-2	OCT	NOV	lw;Zdkar f=ikBh frjkyk			
				igyoku dh <ksyd			
				tqK vkuan ;kno			
			DEC	baVjusV			
				laiknu			
				lekpkj ys[ku ds dqN mnkgj.k			
		NOV	OCT	DEC	xksLokeh rqylhnkl	ASL	
					fQjkd xksj[kiqjh :ckb;ka	PS-	lk{kjrk mUufr dk ekxZ
					mek'kadj tks'kh	CS-	jk"V ^a h; ,drk dh vko';drk
DEC			f'kjh"k ds Qwy				
			Je foHkktu vkSj tkfr izFkk				
			vrhr esa ncs ikao				
laikndh;							

			fjiksVZ izfrosnu		
			vkys[k ys[ku		
			Qhpj ys[ku		
		Feb+ March Jan	Revision		
			Board Exam		

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - CHEMISTRY(043)

SUBJECT TEACHER:- Mr. Kapil Singh					
Month		NAME OF THE CHAPTERS	Project & Art Integration		
Annual/Pre-Board (Feb)	Half -Yearly (Sep)	PA- 1 (Jul)	Apr	1. Solution	1 Study of the presence of oxalate ion in guava fruit at different stage of ripening
			2. Electrochemistry		
		Jul	May	3. Chemical Kinetics	2 Study the quantity of case in present in different sample of milk.
			4. d and f blick elements		
			5. Coordination compounds	3 Preparation of soyabeen milk and its comparison with natural milk with respect to curd formation, the effect of temperature etc.	
			4 Study of the effect of potassium bisulphate as a food preservation under various conditions (temperature, concentration, time etc.)		
	PA- 2 (Oct)	Aug	6. Amines	5 Study of digestion of starch by salivary amylase and effect of PH and temperature on it.	
		Sep	7. Haloalkanes and haloarene.	6 Comparative study of the rate of fermentation of the following materials- wheat flour, gram flour, potato juice, carrote juice etc.	
			8. Alcohols, phenols and ethers		
		Oct	7 Extraction of essential oils present if saunf (aniseed), ajwain (carum), illaichi powder and pepper.		
		Nov	9. Aldehydes, ketones and carboxylic acid	8 Study of common food adultrants in fat, oil, butter, sugar, turmeric powder,chilli powder and pepper.	
	Dec		Practical:		
	Jan	Revision	1 Salt Analysis		
	Feb		2 Titration		
	Mar	Board Exam	3 Functional group		

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - BIOLOGY(044)

SUBJECT TEACHER:- Mr. Shani Srivastava

Month		NAME OF THE CHAPTERS	Practicals		
Annual/Pre-Board	Half -Yearly	PA- 1	Apr	1. Sexual reproduction in flowering plants 2. Human reproduction	(Structure of flowering plants) (Male & Female reproductive structure)
			May	3. Reproductive Health	(Birth Control) Model on human reproduction & Sexual reproduction in flowering plants.
		PA- 2	Jun	4. Heridity and Variation 5. Molecular Basis of Inheritance	(Pedigree Chart) (Structure of DNA)
			Jul	6. Evolution 7. Human Health & Disease	(Chart of Human evolution) (Life cycle of malaria)
	PA- 2	Aug	8. Microbes in Human welfare 9. Biotechnology-principles and process	(Diary farming) Model preparation on sewage matment - plant (Recombinant DNA)	
		Sep	10. Biotechnology and its applications 11. Organism and Population	(Structure of Biosphere)	
		Oct	12. Ecosystem	Pond ecosystem	
		Nov	13. Biodiversity and its conservation	Make a chart of Hotspot area Art Integration: Gene Therapy	
		Dec	Revision		
		Jan			
	Feb+ March		Board Exam		

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**LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - COMPUTER SCIENCE (083)**

SUBJECT TEACHER:- Mr. Prakash Srivastava						
MONTH		NAME OF THE CHAPTERS	ACTIVITY			
Annual/Pre-Board	Half -Yearly	PA- 1	Apr	1. Python Revision Tour - I	1	Chart- token and program structure
			May	2. Python Revision Tour - II	2	Practical identical programming of 12 class
		Jul	3. Working with Functions			
			4. File Handling	3	Ppt on python	
		Aug	5. Data Structures - I: Linear List	4	Chart programming structure, recursion	
			6. Data Structures - II: Stacks, Queues, List			
	PA- 2	Sep	7. Communication and Network Concept	5	Portfolio, test, file on PA-1 and Half yearly and PA-2	
			8. Relational Database			
		Oct	9. Simple Queries in SQL	6	(Programming Compiled)	
			10. Table Creation and Data Manipulation command	7	Project and chart of final term	
		Nov	11. Grouping records Join in SQL			
		Dec	12. Interface Python with MYSQL			
Jan	Revision					
Feb	Board Exam					
Mar						

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**LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - ACCOUNTANCY (055)**

SUBJECT TEACHER:- Mr. Amit Srivastava					
MONTHS		NAME OF THE CHAPTERS	ACTIVITY		
Annual/Pre-Board	Half - Yearly	PA- 1	Apr	Ch-1: Accounting for partnership Firm - Fundamentals	
			May	Ch-2: Change in Profit Sharing Ratio	
			Jul	Ch-3: Admission of new partner	
		PA- 2	Aug	Ch-4: Retirement & Death of a Partner Firm	
			Sep	Ch-5: Dissolution of a Partnership Firm	
	Aug		Ch-6: Companies Accounts - Issue of Shares	Comprehensive Project	
	Sep		Ch-7: Companies Accounts - Issue of Debentures		
	Sep		Ch-8: Financial Statements of Companies		
	Sep		Ch-9: Financial statement Analysis		
	Oct		Ch-10: Tools for Financial Analysis - Comparative Statement	Specific Project Accounting Ratio	
			Ch-11: Tools for Financial Analysis - Common Size Statement	& Cash Flow Statement	
	Nov	Ch-12: Accounting Ratio			
		Ch-13: Cash Flow Statement			
Dec	Revision				
Jan					
Feb+ March					
			Board Exam		

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - BUSINESS STUDIES (054)

SUBJECT TEACHER:- Mr. Rishabh Shukla

MONTHS		NAME OF THE CHAPTERS	Activity	
Annual/Pre-Board	Half -Yearly	PA- 1	Apr 1. Nature and significance of Management	1 Project work on principles of management
			2. Principles of management	2 Project on Dimension of Business Environment
			May 3. Business Environment	a Political
		Jul	4. Palnning	b Social
			5. Organising	c Economical
		Aug	6. Staffing	d Technological
	7. Financial management		e Legal	
	PA- 2	Sep	8. Directing	3 Project on child labour and its consequences
			9. Controlling	4 Project on women empowerment in the past 25 years
		Oct	10. Financial Market	5 Project on marketing (on one product to choose from 77 products)
	11. Marketing management			
	Nov	12. Consumer Protection		
Dec	Revision			
Feb+Jan	Board Exam			

march

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**LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - MARKETING (812)**

SUBJECT TEACHER:- Mr. Amit Srivastava					
Months		NAME OF THE CHAPTERS		Activity	
Annual/Pre-Board	Half -Yearly	PA-1	Apr	Ch-1: Product	Project on Project Development
				Ch-2: Price	Project on Pricing strategy
			May	Ch-3: Communication Skills	
		Jul	Ch-4: Self - Management Skills		
			Ch-5: Promotion	Project on Sales Promotion	
		Aug	Ch-6: Basic ICT Skills		
	PA-2	Sep	Ch-7: Entrepreneurial Skills		
		Oct	Ch-8: Place Decision: Channels of Distribution	Project on deviding channel of Distribution	
		Nov	Ch-9: Emerging Trends in Marketing	Project on Emerging trend in marketing over past few years	
			Ch-10: Green Skills		
		Jan	Revision		
		Feb			
March			Board Exam		

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - ECONOMICS (030)

SUBJECT TEACHER:- Mr. Rishabh Shukla/ Adarsh Sharma			Months	NAME OF THE CHAPTERS	Activity
Annual/Pre-Board	Half-Yearly	PA-1	Apr	1. Introduction	
				2. Some basic concept of Macro economics	
				3. National income and related aggregates	
				4. Indian Economy of the eve of Independence	
				5. Five year plans in India	
		May	6. Methods of calculating National Income		
			7. Features, problems and policies of agriculture		
		Jul	8. Money 9. Banking		
			10. Aggregate Demand, Aggregate Supply and related concepts.		
			11. Strategy of Industrial growth		
			12. India's Foreign trade		
		Aug	13. Short run Equilibrium Output		
			14. Development experience of India, Pakistan and China		
			15. Poverty		
		Sep	16. Problem of Deficient Demand and Excess Demand		
	17. Foreign Exchange rate				
	18. Human Capital formation in India				
	Oct	19. Government budget and the Economy			
		20. Rural Development			
		21. Employment and Unemployment			
		22. Infrastructure	Government budgets		
	Nov	23. Balance of payment	Self help Group		
		24. Environment and sustainable development	Digital India		
		25. Economic reforms	Tax Reforms		
	Dec	Revision			
Jan					
Feb	Revision				
Jan					
march	Board Exam				

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**LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25**

CLASS - XII

SUBJECT - PHYSICAL EDUCATION (048)

SUBJECT TEACHER:- Mr. Sheetla Prasad

			Month	Theory	Games/Art Integration/ Project /Presentation
ANNUAL EXAMINATION	HALF YEARLY EXAM	P.A.1	April	Unit-I : MANAGEMENT OF SPORTING EVENTS	Athletics, Volleyball, Badminton
			May	Unit-II : CHILDREN AND WOMEN IN SPORTS	Make a chart on Volleyball or Badminton field.
			July	Unit-III : YOGA AS PREVENTIVE MEASRUE FOR LIFESTYLE DISEASE	Art Integration
		P.A.2	Aug	Unit-IV : PHYSICAL EDUCATION AND SPORT FOR CHILDREN WITH SPECIAL NEEDS	Make a chart on Skills of Volleyball, Badminton and athletics.
			Sept	Unit-V : SPORTS AND NUTRITION	Make a Project on basic rules of Volleyball or Badminton.
			Oct	Unit-VI : TEST AND MEASUREMENT IN SPORTS	
	PRE-BOARD	Nov	Unit-VII : PHYSIOLOGY AND INJURIES IN SPORTS		
		Dec	Unit-VIII : BIOMECHANICS & SPORTS	Football, Basketball	
		Jan	Unit-IX : PSYCHOLOGY AND SPORTS	Make a chart on Basketball or Football field.	
		Feb	Unit-X : TRAINING IN SPORTS	Art Integration	
		Revision	Make a chart on Skills of Basketball and Football.		
	Board Exam	Make a Project on basic rules of Basketball and Football.			

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT - PHYSICS (042)

SUBJECT TEACHER:- Mr. Ajeet Kumar						
MONTHS	NAME OF THE CHAPTERS	ACTIVITIES, EXPERIMENTS				
Annual/Pre-Board	Half -Yearly	PA- 1	Apr	Unit-1: Electrostatics	1	Activity: To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.
				1. Electric charge and electric field	2	Activity: To assemble the components of a given electrical circuit.
			2. Electrostatic potential and capacitance	3	Activity: 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 draw the circuit diagram.	
			Unit-2: Current Electricity	4	Experiment: To determine resistivity of two/three wires by plotting a graph for potential difference versus current.	
						3. Current electricity
			Jul	Unit-3: Magnetic effects of current and magnetism	5	Experiment: To find resistance of a given wire/standard resistor using metre bridge.
		4. Moving charges and magnetism		6	Experiment: To verify the laws of combination (Series or parallel) of resistances using a metre bridge.	
		Aug	Unit-4: Electromagnetic induction and alternating current	7	Experiment: To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.	
						6. Electromagnetic induction
		PA- 2	Sep + Oct	Unit-5: Electromagnetic waves	9	Activity: To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.
				Unit-6: Optics	10	Activity: To study the nature and size of the image formed by a (i) convex lens, or (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).
				9. Ray optics		
		Nov	Unit-7: Dual nature of radiation and matter	11	Experiment: To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.	
11. Dual nature of radiation and matter						
Unit-8: Atoms and nuclei	12					Experiment: To determine angle of minimum deviation for a given prism by plotting a graph.
12. Atoms						
ec	Unit-9: Electronics	13	Experiment: To find the refractive index of a liquid using convex lens and plane mirror.			
				13. Nuclei	14	Experiment: To draw the I-V characteristic curve for a p-n junction diode.

			14. Semiconductor electronics:	junction diode in forward and reverse bias.
		Jan	Revision	
		Feb	Board Exam	

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT – MATHEMATICS (401)

SUBJECT TEACHER:- Mr. Saurabh Yadav					
MONTH		NAME OF THE CHAPTERS	ACTIVITY, PROJECT & ART INTEGRATION		
ANNUAL / PRE- BOARD	HALF – YEARLY	P.A. – 1	APR	UNIT – 1: RELATIONS AND FUNCTIONS 1. Relations 2. Functions 3. Inverse Trigonometric Function	1. ACTIVITY: To draw the graph of $\sin^{-1}x$ using the graph of $\sin x$ and demonstrate the concept of mirror reflection about line $(y = x)$
			MAY	UNIT – 2: ALGEBRA 1. Matrices 2. Determinants	2. PROJECT: To demonstrate a function which is not one – one but is onto?
				JUL	UNIT – 3: CALCULUS 1. Continuity and Differentiability
		AUG & SEP	2. Applications of Derivatives 3. Integrals 4. Applications of Integrals 5. Differential Equations		5. PROJECT: To evaluate the definite integral $\int_a^b (\sqrt{1-x^2}) dx$ as the limit of a sum and verify it by actual integration.
			OCT	UNIT – 4: VECTORS AND THREE – DIMENSIONAL GEOMETRY 1. Vectors	6. PROJECT: To verify Geometrically that $\vec{c} \times (\vec{a} \times \vec{b}) = \vec{c} \times \vec{a} + \vec{c} \times \vec{b}$
				2. Three – Dimensional Geometry	7. ACTIVITY & ART INTEGRATION: To verify that angle in a semi-circle is right angle, using vector method.
	P.A. - 2	NOV	UNIT – 5: LINEAR PROGRAMMING 1. Linear Programming	8. ACTIVITY & ART INTEGRATION: To explain the computation of conditional	
			DEC	UNIT – 6: PROBABILITY 1. Conditional Probability	9. To understand normal distribution is a continuous distribution <ul style="list-style-type: none"> Evaluate value of standard normal variety.

			2. Random Variable and its probability	• Area relationship between mean and standard deviation.
			3. Bayes' Theorem	
		JAN	Revision	
		FEB	Board Exam	
		March		

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LDC PUBLIC SCHOOL
SORAON, PRAYAGRAJ
SEGREGATED SYLLABUS 2024-25
CLASS - XII
SUBJECT – HISTORY (027)

SUBJECT TEACHER:- Mr. Satish Tiwari					
MONTH		NAME OF THE CHAPTERS		ACTIVITY	
Annual/Pre-Board	Half -Yearly	PA - 1	Apr	Bricks, Beads and Bones	
				Kings Farmers and Towns	
		May	Kinship, Caste and Class		
		Jul	Jhinkers, Beliefs and Building, Cultural Development		
			Rebels and Raj 1857 Revolt and its Representations		
		Aug	Through the eyes of travellers perception of society	The History and legacy of Mauryan Empire	
	PA - 2	Sep	Bhakti Sufi Tradition		
			Mahatma Gandhi and the National Movement		
		Oct	An imperial capital vijayanajar	Life of women in the Mughal Rural Society.	
	Pre-Board	Nov	Peasants Zamindars and the states, Agrasan		
			Framing of the constitution the Beginning of a new Era		
		Dec	colonialism and the country side exploring official archive		
Map Work					
Jan		Revision			
Mar	Board Exam				

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