



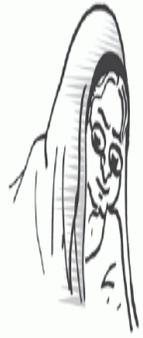
L.K. INTERNATIONAL SCHOOL, GHAZIABAD

PLANNER FOR THE MONTH OF APRIL (SESSION 2025-26)

CLASS - XII SCIENCE

ENGLISH

WEEK (Working days)	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	THE LAST LESSON Book - Flamingo	(i) Theme and subtheme of the chapter.	Listen audio file of the chapter https://ciet.ncert.gov.in/audio-book/89	
	(i) Understanding of the author, Alphonse Daudet	(ii) Alsace, Lorraine, and Prussia have historical importance. Find out?	Go through the video (You tube link) The Last Lesson Class 12 animation ch 1 animated video (youtube.com)	
	(ii) Importance of language	(iii) Understanding of difficult words.		
	(iii) Values of freedom and individual identity.	(iv) Explanation of the chapter.		
WEEK 2	LOST SPRING - STORIES OF STOLEN CHILDHOOD	(i) Theme and subtheme of the chapter.	Listen audio file of the chapter https://ciet.ncert.gov.in/audio-book/89	ROLE PLAY - 7th April 2025
	Book - Flamingo	(ii) About the author.	View You tube link https://youtu.be/Q6RhoFoH34Y?si=0Y_vmk67OkBQwqxX	Ch.- The Last lesson
	(i) Important of the education to the children	(iii) Understanding of difficult words.		
	(ii) Summary of Lost Spring - Stories of Stolen Childhood.	(iv) Explanation of the chapter.		
WEEK 3	MY MOTHER AT SIXTY SIX (Poem)	(i) About the author.	Listen audio file of the chapter https://ciet.ncert.gov.in/audio-book/89	SCRIPT WRITING - 14 April 2025



	Book - Flamingo	(ii)Understanding of difficult words.	Go through the video (You tube link) https://youtu.be/bMjYb4RrS_w?si=Vkx45_LbSLEfDXd	Ch.-Lost Spring	
	(i)Ageing is a natural process and is going to envelope one and all.	(iii)Explanation of the chapter.		ACTIVITY -LISTENING AND WRITING (THROUGH WORKSHEETS)	
	(ii)Identify the figures of speech.	(iv)Poetic devices.		Ch. My mother at sixty six - 19th April 2025	
	(iii) Theme and the style of writing of the poet.				
WEEK 4 & 5	THIRD LEVEL	(i)How fantasy and reality can be interwoven.			
	Book - Vistas	(ii)science fiction genre of 'time travel' (the interweaving of fantasy with reality).			
		(iii)grim realities of the modern age with a desire to stay with the peaceful past.	You tube link https://youtu.be/AxLTshcNuXQ?si=Ygs4Ym3fx8zTNjep		



PHYSICS

WEEK (Working days)	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	CH 1 ELECTRIC FIELD AND CHARGES	what is electric field ,electric charge,basic properties of charge	Revise the concept done in the class	Students will be able to learn about electric charge in our day to day life.
WEEK 2	CH 1 ELECTRIC FIELD AND CHARGES	Coulamb's law , electric field lines, derivations	Do practice for derivation done in the class	Practical ohms law in physics lab (24/4/25)
WEEK 3	CH 1 ELECTRIC FIELD AND CHARGES	Numerical of NCERT book ,gauss law ,application of gauss law	Q 1,2,3,4,5,6,7,8,9,10	Experiment based on electric field
WEEK 4 & 5	CH 1 ELECTRIC FIELD AND CHARGES	Assignment or class test	11, 12, 13, 14, 15 ,16 ,17 ,	Will be able to understand electric charge and field

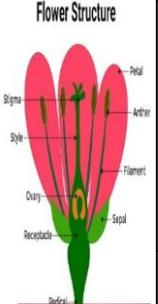
CHEMISTRY				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	Ch- 6 Haloalkanes and haloarenes	Introduction, Classification of Haloalkanes and haloarenes ,nature of c-x bond	Classify, primary, secondary, tertiary halides	Analysis of carbonate and ammonium ions Date: 5/April/2025
WEEK 2	Ch-6 Haloalkanes and haloarenes	Preparation and properties of haloalkanes	Learn Halogenation reaction,	Analysis of chloride and ammonium ions Date: 09/April/2025
WEEK 3	Ch-6 Haloalkanes and haloarenes	Preparation and properties of Haloarenes, Polyhalogen compounds	Learn Sandmeyer reaction, Wurtz reaction	
WEEK 4 & 5	Ch-7 Alcohols phenols, and ethers	Classification of alcohols	Learn chapter-6 for test	Written test.
MATHEMATICS				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1	Recapitulation Of Class-11	* Trigonometric identities	* Do the questions given in copy	Draw the graphs of $\sin x$, $\cos x$ and $\tan x$ and write their domain and range (during class)
		* T-ratios in different quadrants	* Revise the work discussed in class	
WEEK 2		* Explanation of the terms used in the chapter	* Learn the terms and their meanings	Question for practice
	Ch-12: Linear Programming	* Objective function, constraints, optimal solutions.	* Understand the inequalities- at least and at most	Frame the inequations of the given word problem and maximize/minimize the objective function using lp.
		* Half planes, solution region (feasible/infeasible)	* Draw the graphs of the given systems of inequations and shade the solution region * Ex- 12.1	
		* bounded and unbounded region		
WEEK 3	Ch-02: Inverse Trigonometric Functions	* Introduction to inverse trigonometric functions	* Learn and remember the domain and range of inverse trigonometric functions	Activity-5 (16.04.2025) To draw the graph of $\sin^{-1}x$, using the graph of $\sin x$, and demonstrate the concept of mirror reflection (about the line $y=x$).
		* Domain and range of different trigonometric functions	* Ex- 2.1	
WEEK 4 & 5	Ch-02: Inverse Trigonometric Functions Contd...	* Principal value branches * Finding principal values of inverse trigonometric functions	* Understand and learn the simple properties and Ex- 2.2	

	Ch-03: Matrices	* Introduction and definitions * Number of elements and order of matrix *Types of matrices and algebra of matrices	* Ex-3.1 * Ex- 3.2		
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BIOLOGY					
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WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY	
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	CH-Sexual Reproduction in Flowering Plants				
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WEEK 1 		FLOWER, PRE- FERTILISATION – STRUCTURES AND EVENTS, STAMEN STRUCTURE OF ANOTHER STRUCTURE OF MICROSPOROANGIUM	Answer the following questions:		
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		MICROSPOROGENESIS STRUCTURE OF POLLEN GRAIN PISTIL, MEGASPORANGIUM AND EMBRYO SAC :	1) Differentiate between microsporogenesis and megasporogenesis. Which type of cell division occurs during these events? Name the structures formed at the end of these two events?		
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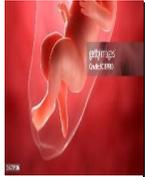
		MEGASPORANGIUM (OVULE)	2) With a neat, labelled diagram, describe the parts of a typical angiosperm ovule.		
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			3) Explain the role of tapetum in the formation of pollen grain wall.		
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			4) What are the main layers of a flower?		
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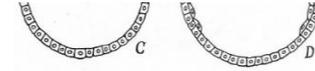
			5) Describe the structure of the embryo sac of a mature angiosperm. Explain the role of synergids in it.		
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WEEK 2			Answer the following questions:		
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CH-Reproduction in Humans

	3) In our society the women are often blamed for giving birth to daughters. Can you explain why this is not correct?
	4) How many eggs are released by a human ovary in a month? How many eggs do you think would have been released if the mother gave birth to identical twins? Would your answer change if the twins born were fraternal?
	5) What is parturition? Which hormones are involved in induction of parturition?



T.S. of Blastula through permanent slides.

PHYSICAL EDUCATION

WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1 	MANAGEMENT OF SPORTING EVENTS	<ul style="list-style-type: none"> • Functions of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling) • Various Committees & their Responsibilities (pre; during & post) 	Prepare the notes of the topics explained in the class	
WEEK 2 	MANAGEMENT OF SPORTING EVENTS	<ul style="list-style-type: none"> • Fixtures and its Procedures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic) 	preparing fixture of given question	
WEEK 3 	MANAGEMENT OF SPORTING EVENTS	<ul style="list-style-type: none"> • Intramural and extramural tournaments –meaning, objective and its significance 	Prepare the notes of the topics explained in the class	

WEEK 4 & 5 	MANAGEMENT OF SPORTING EVENTS	<ul style="list-style-type: none"> • Community sports program (Sports Day , Health run, run for Fun , run for specific cause and run for unity) • Class test of ch-1 Management of sporting Events 	Prepare the notes of the topics explained in the class and do preparation for class test	

COMPUTER SCIENCE				
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WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY/PRACTICAL
WEEK 1	PYTHON REVISION TOUR-I	INTRODUCTION	DO READ THE TOPICS EXPLAINED TO YOU.	INPUT A STRING AND DETERMINE WHETHER IT IS A PALINDROME OR NOT; CONVERT THE CASE OF CHARACTERS IN A STRING.(8/4/2025)
		TOKENS IN PYTHON	DO FIND THE DIFFERENCE BETWEEN KEYWORDS, IDENTIFIERS AND LITERALS	
		KEYWORDS, IDENTIFIERS, LITERALS		
		VARIABLE AND ASSIGNMENT		
WEEK 2	PYTHON REVISION TOUR-I	MUTABLE IMMUTABLE TYPE	DO COMPLETE GIVEN QUESTION ANSWER	READ A TEXT FILE LINE BY LINE AND DISPLAY EACH WORD SEPARATED BY A #.(16/04/2025)
		EXPRESSIONS		
		SOME MATHEMATICAL EXPRESSIONS WITH MATH MODULE		
		PRACTICAL CLASS		
WEEK 3	PYTHON REVISION TOUR-I	DATA HANDLING	DO WRITE A CODE RELATED TO IF CONDITION, ELSE-IF CONDITION, ELSE-IF-ELIF CONDITION.	INPUT A LIST OF NUMBERS AND SWAP ELEMENTS AT THE EVEN LOCATION WITH THE ELEMENTS AT THE ODD LOCATION.(23/04/2025)
		FLOW CONTROL		
		IF CONDITION, ELSE-IF CONDITION,ELIF-ELSE-IF CONDITION		
		LOOPING STATEMENT		
		PRACTICAL CLASS		
WEEK 4 & 5	PYTHON REVISION TOUR-I	REVISION OF PYTHON REVISION TOUR I	DO LEARN CHAPTER 1 FOR CLASS TEST	COUNT AND DISPLAY THE NUMBER OF VOWELS, CONSONANTS, UPPERCASE, LOWERCASE CHARACTERS IN STRING.(29/04/2025)
	PYTHON REVISION TOUR-II	PRACTICAL CLASS		
		STRINGS IN PYTHON		
		DIFFERENT OPERATIONS ON STRING		

FASHION STUDIES				
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY
WEEK 1 	<ul style="list-style-type: none"> Introduction to chapter 1, History of Fashion 	<ul style="list-style-type: none"> Introduction 	<ul style="list-style-type: none"> Read the chapter at home for better understanding. 	<ul style="list-style-type: none"> Practical 1 of chapter 1, History of Fashion: To identify the cultural context of body adornment and its continuation in contemporary society.
		<ul style="list-style-type: none"> Origin and development of costumes 	<ul style="list-style-type: none"> Bring the following material required for the practical: A-3 size colorful sheet, sketch pen, blue and black pen. 	
		<ul style="list-style-type: none"> War costumes and uniform 		
WEEK 2 	<ul style="list-style-type: none"> Chapter 1, History of Fashion 	<ul style="list-style-type: none"> Industrial revolution 	<ul style="list-style-type: none"> Bring the following material required for the practical: A-3 size colorful sheet, sketch pen, blue and black pen, and printouts of 	<ul style="list-style-type: none"> Practical 2 of chapter 1, History of Fashion: To use visual references to analyze ancient draped garment.
		<ul style="list-style-type: none"> Effect of world war on fashion 		
		<ul style="list-style-type: none"> Evolution of modern Indian fashion 		
WEEK 3 	<ul style="list-style-type: none"> Chapter 1, History of Fashion 	<ul style="list-style-type: none"> Films and fashion 	<ul style="list-style-type: none"> Complete Q/Ans of chapter 1, History of Fashion given in the book. 	<ul style="list-style-type: none"> Practical 3 of chapter 1, History of Fashion: To analyze the impact of industrial revolution during the British raj in India
		<ul style="list-style-type: none"> Discussion of Q/Ans. 	<ul style="list-style-type: none"> Bring the following material required for the practical: A-3 size colorful sheet, sketch pen, blue and black pen 	
WEEK 4 & 5 	<ul style="list-style-type: none"> Employability skills: Chapter 1- communication skills 	<ul style="list-style-type: none"> Discussion of Q/Ans of chapter 1 communication skills. 	<ul style="list-style-type: none"> Complete Q/Ans of Chapter 1: communication skills given in the book. 	(26/04/25) War Costume: Students will be allotted any type of ancient war costume, they have to draw the costume in their notebook and present all the information about that costume in the class.

HOME SCIENCE					
WEEK	CONTENT	C.W.	H.W.	DATE / ACTIVITY	
WEEK 1		· Introduction	1. Make notes in your notebook		
		· Traditional Occupation in India	2. Do NCERT Ques/Ans.		
	Work, livelihood and career	· Work, age and Gender			
		∅ KGBV			
		∅ BBBPY			
		∅ Gender issues			
WEEK 2		· Attributes and approaches to work and life skills for livelihood	1.Make notes in your notebook		
	Work, livelihood and career	· Ergonomics	2.Do NCERT Ques/Ans.		
		· Entrepreneurship			
WEEK 3		· Meaning	1.Make notes in your notebook		
	Clinical nutrition and Dietetics	· Significance	2.Do NCERT Ques/Ans.		
		· Basic concepts			
		· Scope			
WEEK 4 & 5		· Types of Diets	1.Make notes in your notebook		
	Clinical nutrition and Dietetics	· Changes in Consistency	2.Do NCERT Ques/Ans.		
		· Feeding Routes			(26-04-2025)
		· Preparing of Chronic Diseases			Modification of normal Diet to soft diet for elderly person.
		· Preparing for career			