



# **DELHI PUBLIC SCHOOL, SILCHAR**

## **ACADEMIC SESSION: 2025 – 26**

### **CBSE Grade XII Prose Syllabus for the year 2025-26**

**Flamingo –English Core Chapters 9 plus Poetry Section 6 poems to be completed by November 2025**

#### **April 2025-**

1. The last Lesson
2. Lost Spring

**Poetry-** 1. My Mother at Sixty-six

**English Writing Skills** -Notice writing up to 50 words.

**Vistas- Supplementary Reader for Class 12 to be completed by November 2025**

1. The Third Level

#### **May 2025**

**Flamingo- English Core**

3. Deep Water
4. The Rattrap

**Poetry-**

2. An elementary School Classroom in a Slum

**English Writing Skills**

Formal/Informal Invitation writing and Reply in up to 50 words

Revision of April month topics taught

**Vistas- Supplementary Reader for Class 12**

2. The Tiger King

## **June 2025-**

**02/06/2025 to 11/06/2025 1<sup>st</sup> Periodic Assessment**

**Summer Vacation -19/06/2025- 19/07/2025**

Revision of the topics taught from April 2025- to June2025

## **July 2025**

### **Flamingo- English Core**

5. Indigo
6. Poets and Pancakes

### **Poetry-**

3. Keeping quiet

### **English Writing Section CBSE Class 12**

Letters based on verbal/visual input, to be answered in approximately 120-150 words

### **Vistas- Supplementary Reader for Class 12**

3. Journey to the end of the earth

## **August 2025**

### **Flamingo English Core**

7. The Interview-Part 1
8. The Interview -Part 2

### **Poetry**

4. A Thing of Beauty
5. A Road Side Stand

### **English Writing Section CBSE Class 12**

- Revision of the syllabus and Question Paper solving Notice writing up to 50 words. ...
- Formal/Informal Invitation writing and Reply in up to 50 words. ...
- Letters based on verbal/visual input, to be answered in approximately 120-150 words. ...

- Article/ Report Writing based on verbal inputs to be answered in 120-150 words.

10 Mar 2025

### **Vistas- Supplementary Reader for Class 12**

4. The Enemy
5. On the face of it

### **September 2025**

**29/09/2025-08/10/2025- Durga Puja/ Autumn Break for**

### **Flamingo English Core**

- 8.Going Places
9. Memoirs of a Chota Sahib

### **Poetry**

6. Aunt Jennifer's Tigers

### **Vistas- Supplementary Reader for Class 12**

- 6.Memories of Child hood-1. The cutting of my long hair
2. We too are human beings

### **English Writing Section CBSE Class 12**

- Notice writing up to 50 words. ...
- Formal/Informal Invitation writing and Reply in up to 50 words. ...
- Letters based on verbal/visual input, to be answered in approximately 120-150 words. ...
- Article/ Report Writing based on verbal inputs to be answered in 120-150 words.

10 Mar 2025

### **October 2025-**

Half Yearly Assessment – 10-10-2025-31-10-2025

Revision of the Syllabus

**November 2025**

Revision

**December 2025**

**1<sup>st</sup> Preliminary Examination**

**January 2025**

**2<sup>nd</sup> Pre board Examination**

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## ACADEMIC SESSION: 2025 – 26

MONTH	CH NO	Physics	PT1	HALF YEARLY	PREBOARD 1&2
April	1,2	Electric field and charges , Electric potential and capacitance	Yes	Yes	Yes
Learning Outcome		To understand the concept of electric field and force			
Activity		lab work			
May	3,4	current electricity , Moving charges and magnetism		Yes	Yes
Learning outcome		To Understand the concept of magnetic field and its origin			
Activity		Lab Work			
June	5	Magnetism and matter		Yes	Yes
Learning outcome		To understand various magnetic matter			

Activity		Lab work			
July		Summer Vacation			
August	6,7	Electromagnetic induction , Altrnating current		Yes	Yes
Learning outcome		To understand induction and A.C			
Activity		Lab Work			
September	8,9	Electomagnetic Wave , Ray optics and optical instrument			Yes
Learning outcome		To Understand various laws of light and optical instruments			
Activity		Lab work			
October	10,11	Wave optics , Dual nature of radiation and matter			Yes
Learning outcome		Qs solving			
Activity		Lab activity			

<b>November</b>	<b>12,13</b>	<b>Atoms and Nuclei</b>			
<b>Learning outcome</b>		<b>Qs Solving</b>			
<b>Activity</b>		<b>None</b>			
<b>December</b>	<b>14</b>	<b>Semiconductor electronics: Material , devices and simple circuit</b>			<b>Yes</b>
<b>Learning outcome</b>		<b>To understand concept of semiconductor and also understand to construct electronic circuit</b>			
<b>Activity</b>		<b>Lab Work</b>			
<b>January</b>		<b>Revision</b>			



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## ACADEMIC SESSION: 2025 – 26

MONTH	CH NO	Chemistry	PT1	HALF YEARLY	PT2	ANNUAL
April	1	Solutions	✓	✓		✓
		Learning Outcome-Introduction to the physical chemistry; Activity- Mathematical Approach				
May	2	Electrochemistry	✓	✓		✓
		Learning Outcome- Formation of Electrochemical and Electrolytic Cell; Activity- Formation of Danieal Cell				
	3	Chemical Kinetics	✓	✓		✓
		Learning Outcome- Understanding the rate of a chemical reaction; Activity- Finding the order of a reaction				
June	4	Coordination Compounds	✓	✓		✓
		Learning Outcome- Color and spectroscopy of Complex / double salts;Activity- Preparation of Double Salts in Laboratory.				
July	6	Haloalkane and Haloarenes		✓		✓
		Learning Outcome- Introduction to the organic chemistry; Activity- Identification of Functional Groups in practical approach.				
August	7	Alcohol, Phenol and Ether		✓		✓
		Learning Outcome- Transformation of Organic compounds among different functional groups. Activity- Identification of Functional Groups in practical approach.				
September	8	Aldehyde and Ketones			✓	✓
		Learning Outcome- Electrophilic and Nucleophilic Reactions in a organic compound; Activity- Identification of Functional Groups in practical approach.				
October	Revision					



November	9	Amines			✓	✓
		Learning Outcome- Nitrogen containing compounds; Activity- Separation of functional groups by practical approach				
	10	Biomolecules, PYQ solving			✓	✓
		Learning outcome-Protein molecule synthesis, peptide bonds and Amino acids				
DECEMBER	11	Revision				✓
		Learning Outcome- Solving PYQs				
	12	Revision				✓
		Learning Outcome- Solving PYQs				
January	FULL NCERT SOLVING AND CASE STUDY QUESTIONS, ASSERTION REASONING AND MCQ					
February	FULL Sample paper SOLVING AND CASE STUDY QUESTIONS, ASSERTION REASONING AND MCQ					



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## ACADEMIC SESSION: 2025 – 26

MONTH	CH NO	MATHS	Learning Outcomes	PT-1	HALF YEARLY	Pre-Board 1	Pre-Board-2
April	1	Relations & Functions	Defining relations and functions, identifying their domain and range, and recognizing different types of relations and functions	√		√	√
	2	Inverse Trigonometric Functions	Inverse Trigonometric Functions equips us with the ability to find angles given trigonometric values, understand their properties, and apply them in various fields like engineering, navigation, and physics.	√		√	√
May	3	Algebra of Matrices	This chapter equips us with the fundamental knowledge and skills to perform operations on matrices, including addition, subtraction, multiplication, and scalar multiplication, understanding their properties and applications.	√		√	√
	4	Determinants	This chapter equips us with the ability to solve systems of linear equations, find the area of triangles, and calculate the inverse of a matrix	√		√	√
	5	Inverse of a Matrix	An Inverse matrices multiplied with its square matrix will produce the identity matrix. Because the identity matrix is like 1, the inverse matrix is the multiplicative inverse of a square matrix. So, inverse matrices can be used to solve matrix equations by canceling out a matrix.	√		√	√
	6	Continuity & Differentiability	"Continuity & Differentiability" chapter is a foundational understanding of how functions behave, specifically focusing on the concepts of continuity, differentiability, and the relationship between them. Application of Derivatives in Real Life ,To calculate the profit and loss in business using graphs. In real-life situations, continuity plays a crucial role in various fields such as engineering and design, economics and finance, physics, and natural sciences.	√		√	√
June	7	Increasing & Decreasing Functions	The ability to analyze the behavior of functions, identify intervals where they are increasing or decreasing, and use derivatives to understand their shape and behavior.		√	√	√
			We'll understand how to identify and locate the maximum and				

July	8	Maxima & Minima	minimum values (extrema) of a function, using techniques like the first and second derivative tests, and understand the concepts of local and global extrema		√	√	√
August	9	Indefinite Integrals	The primary outcome of studying indefinite integrals is understanding how to find the family of antiderivatives (or general solutions) of a given function.		√	√	√
	10	Definite Integrals	The ability to calculate the signed area between a curve and the x-axis within specified limits, and to understand the properties and applications of definite integrals in various fields		√	√	√
	11	Areas of Bounded Regions	This chapter teaches us how to calculate the area of regions enclosed by curves using definite integrals, focusing on finding areas between curves and the x-axis		√	√	√
September	12	Differential Equations	Differential equations describe the derivative of a function, they give us information about how that function changes. Our goal will be to use this information to predict the value of the function in the future		√	√	√
	13	Algebra of Vectors	This chapter equips us with the ability to represent and manipulate vectors, including operations like addition, subtraction, scalar multiplication, and dot/cross products		√	√	√
	14	Three dimensional geometry	This chapter equips us with the ability to understand and work with shapes and objects in three-dimensional space, including concepts like lines, planes, angles, and distances, which are essential for various fields like engineering, physics, and computer graphics	√	√	√	
October	15	Three dimensional geometry, line in space	This chapter equip us with the ability to solve optimization problems, meaning finding the best possible solution (maximum or minimum) under given constraints, using mathematical techniques and graphical representations.			√	√
	16	Linear Programming				√	√
November	17	Probability	We will be able to understand and apply concepts like conditional probability, multiplication rule, random variables, Bayes' theorem, and binomial probability distributions, along with calculating mean and variance			√	√
	18	Mean & Variance of a Random Variable				√	√
December	Revision, PYQ & Practice paper solve ,MCQ						
January	Exam Strategy						



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MONTH	CH NO	PHYSICAL EDUCATION	PT1	HALF YEARLY	PT2	ANNUAL
April	1	Management of Sporting Events	Yes	Yes		Yes
Learning outcome		Recognize the concept, aim, and objectives				
Activity		Oral assessment				
May	2	Children & Women in Sports	Yes	Yes		Yes
Learning Outcome		Understanding concepts				
Activity		Oral Assessment				
June	3	Yoga as Preventive measure for Lifestyle Disease	Yes	Yes		Yes
Learning Outcome		Basic Foundations				
Activity		Oral Assessment				
July	4	Sports for CWSN				
Learning outcome		causes and nature		Yess		Yes
Activity		Summarise Assessment				

		SUMMER VACATION				
August	5	Sports & Nutrition		Yess		Yes
Learning outcome		Wellness, Health, and Physical Fitness				
Activity		Oral Assessment				
September	6	Test & Measurement in Sports			Yes	
Learning Outcome		calculating BMI, Waist- hip ratio and Skin fold				
						Yes
Activity		Practical				
					Yes	
October	7	Physiology & Injuries in Sport				
Learning Outcome		Identify the importance of anatomy and physiology				
Activity		Oral Assessment				
					Yes	
November	8	Biomecha nics and Sports				
Learning Outcome		Understand Kinesiology and Biomechanics with their application in sports				
Activity		Formative Assessment				

December	9-10	Psychology and Sports				
						Yes
Learning Outcome		Identify the role of Psychology in Physical Education and Sports				
Activity		Answer Writing				
January		Practice , PYQ, Revision , Test Series				
Activity		Revision and Mock Exams				
		(PRACTICAL/ PROJECTS ETC.)				
		PRACTICAL	(Max. Marks 20)			
		Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*	6 Marks			
		Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)**	7 Marks			
		Yogic Practices	7 Marks			
		Record File ***	5 Marks			
		Viva Voce (Health/ Games & Sports/ Yoga)	5 Marks			
		➤ *Test for CWSN (any 4 items out of 27 items. One item from each component: Aerobic Function, Body Composition, Muscular strength & Endurance, Range of Motion or Flexibility)				
		➤ **CWSN (Children With Special Needs – Divyang): Bocce/Boccia , Sitting Volleyball, Wheel Chair Basketball, Unified Badminton, Unified Basketball, Unified Football, Blind Cricket, Goalball, Floorball, Wheel Chair Races and Throws, or any other Sport/Game of choice.				
		➤ **Children with Special Needs can also opt any one Sport/Game from the list as				

		alternative to Yogic Practices. However, the Sport/Game must be different from Test - 'Proficiency in Games and Sports'				
		***Record File shall include:				
		➤ <b>Practical-1:</b> Fitness tests administration. (SAI Khelo India Test)				
		➤ <b>Practical-2:</b> Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease.				
		➤ <b>Practical-3:</b> Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also, mention its Rules, Terminologies & Skills.				



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MONTH	Chap NO.	Name of the Chapter	PT 1	HALF YEARLY	PT 2	ANNUAL
APRIL	1	Exception Handling in Python	✓	✓		
	2	File Handling in Python	✓	✓		
Learning Outcome	1	At the end of the chapter, the students will learn how to handle exceptions i.e. errors in Python.	✓	✓		
	2	At the end of the chapter, the students will learn 1. Type of files 2. Methods to open and close files in python 3. Methods to read and write in a text file in python	✓	✓		
ACTIVITY	1	Lab Session				
	2	Lab Session				
MAY	2	File Handling in Python(continue)	✓	✓		
	3	Stack	✓	✓		
	4	Queue	✓	✓		
LEARNING OUTCOME	2	At the end of the chapter, the students will learn 1. Functions to access data in a file 2. Creating and traversing a file 3. Pickle Module				



	3	At the end of the chapter, the students will learn about Stacks, it's implementation and applications using python.				
	4	At the end of the chapter, the students will learn about Queue, it's implementation and applications using python.				
ACTIVITY		Lab Session				
		Lab Session				
		Lab Session				
JUNE	4	Queue (continue)		✓		
LEARNING OUTCOME	4	At the end of the chapter, the students will learn about Deque, it's implementation and applications using python.				
ACTIVITY		Lab Session				
JULY	5	Sorting		✓		
	7	Understanding Data		✓		
LEARNING OUTCOME	5	At the end of the chapter, the students will learn about what sorting is and sorting methods such as Bubble Sort, Selection sort and Insertion Sort				
	7	At the end of the chapter, the students will learn about 1. Data and its purpose 2. Types of data 3. Data Collection				

<b>ACTIVITY</b>		Lab Session				
<b>AUGUST</b>	5	Understanding Data (continue)		✓		
	6	Searching		✓		
	8	Database Concepts		✓		
	5	At the end of the chapter, the students will learn about more about Selection sort and Insertion Sort.		✓		
	6	At the end of the chapter, the students will learn about Searching which includes <b>1.</b> Sequential search <b>2.</b> Binary search <b>3.</b> Analysis and implementation of searching techniques in Python.		✓		
	8	In this chapter, students will learn about database concepts, relational data and different type of keys		✓		
<b>ACTIVITY</b>		Lab Session				
		Lab Session				
		Lab Session				

<b>SEPTEMBER</b>	9	Structured Query Language			✓	
	10	Computers Networks			✓	
<b>LEARNING OUTCOME</b>	9	At the end of this chapter, students will learn about <b>1.</b> Advantages of structured query language. <b>2.</b> Data Definition Language <b>3.</b> Data Query Language and Data Manipulation Language <b>4.</b> MySQL and creating a database using MySQL			✓	
	10	At the end of this chapter, students will learn in details about <b>1.</b> Different types of Computer Networks like LAN, WAN, MAN <b>2.</b> Network Devices <b>3.</b> Network Topologies <b>4.</b> Basic concepts of MAC and IP Address			✓	
<b>ACTIVITY</b>		Lab Session				
		Lab Session				
<b>REVISION FOR HALF YEARLY</b>						
<b>OCTOBER</b>	11	Data Communication			✓	
<b>LEARNING OUTCOME</b>	11	At the end of this chapter, students will learn in details about <b>1.</b> Types of Data Communication <b>2.</b> Communication media <b>3.</b> Mobile telecommunication <b>4.</b> Wireless technologies			✓	

ACTIVITY		Lab Session				
NOVEMBER	12	Security Aspects			✓	
	13	PROJECTS			✓	
LEARNING OUTCOME	12	At the end of this chapter, students will learn in details about threats and prevention, network security concepts, antivirus and their workings, network security threats			✓	
ACTIVITY		Lab Session				
DECEMBER						
	REVISION FOR Preboard 1					
JANUARY						
FEBRUARY						
	REVISION FOR ANNUAL					



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MONTH	CHAPTER	PSYCHOLOGY -XII	PT1	HALF YEARLY	PT2	ANNUAL
Apr-25	LESSON 1	1.VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES	Y			Y
LEARNING OUTCOME		Individuals vary in their physical & psychological characteristics				
		variations in people's characteristics and behavioural patterns				
ACTIVITY		Observe 3 people in your neighbourhood, how they differ from each other in terms of psychological attributes				
	LESSON 2	2. SELF AND PERSONALITY	Y			
LEARNING OUTCOME		To make student the concept of self,importance of various personality assessment				
ACTIVITY		Select five persons and express your attitude and identify the the characteristics of their personality				
May-25	LESSON 3	3. MEETING LIFE CHALLENGE		Y		
LEARNING OUTCOME		learning about Stress, types and the coping dynamics				

<b>ACTIVITY</b>		Discuss with your parents and grand parents about the stressors and how they cope with them				
	<b>LESSON 4</b>	<b>4.PSYCHOLOGICAL DISORDERS</b>		<b>Y</b>		
<b>LEARNING OUTCOME</b>		Learning about abnormal behavior, classification of psychological behaviour				
						<b>Y</b>
<b>ACTIVITY</b>		Self and surrounding people around you, their mood changes and jot down the emotional experience				
<b>Jun-25</b>	<b>LESSON 5</b>	<b>5.THERAPEUTIC APPROACHES</b>			<b>Y</b>	
<b>LEARNING OUTCOME</b>		to learn about therapies and rehabilitation of the mentally ill				
<b>ACTIVITY</b>		Activities for which the teacher get angry and classmates get angry				
<b>Jul-25</b>	<b>LESSON 6</b>	<b>ATTITUDE AND SOCIAL COGNITION</b>			<b>Y</b>	<b>Y</b>
<b>LEARNING OUTCOME</b>		To learn and know about self and others behavior				
		Attitude changes according to the balance concept, cognitive consonance				
<b>ACTIVITY</b>		On real life incidents				

<b>Aug-25</b>	<b>LESSON 7</b>	<b>SOCIAL INFLUENCE AND GROUP PROCESSES</b>				
<b>LEARNING OUTCOME</b>		To learn Groups influence in individual behavior. Social facilitation and social loafing are two important influences of groups				
<b>ACTIVITY</b>		Real life group work, where cooperative efforts are more successful				
	<b>LESSON 8</b>	<b>PSCHOLOGY &amp; LIFE</b>			<b>Y</b>	<b>Y</b>
<b>LEARNING OUTCOME</b>		To learn about renewable and non- renewable resources, growing population needs, rapid Industrialization and human consumption				
<b>ACTIVITY</b>		Children can do survey on social problems, cause and remedy				
<b>Sep-25</b>	<b>LESSON 9</b>	<b>9DEVELOPING PSYCHOLOGICAL SKILLS</b>				<b>Y</b>
<b>LEARNING OUTCOME</b>		To Learn general and specific skills for a psychologist to act more responsive and in ethical manner				
<b>ACTIVITY</b>		Narration of case, role play to demonstration communication				