



# **CALCUTTA PUBLIC SCHOOL, ORMANJHI**

Affiliated to CBSE, Delhi (10+2) Affiliation No. 3430600

RANCHI, JHARKHAND – 835219

PH- 0651 227 3060, 9931847680, 8986608934

email: [admin@cpsranchi.com](mailto:admin@cpsranchi.com) | [principal@cpsranchi.com](mailto:principal@cpsranchi.com)

---

## **SYLLABUS (2024 – 2025)**

### **CLASS – X**

---

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

# ENGLISH

Prescribed Books: 1.The First flight  
2. Foot print without feet (NCERT)

Name of the months	No. of Periods	The First Flight	Foot Print without feet	Reading / Writing Grammar
April	24	Prose. 1. A letter to God 2. Nelson Mandela Poem. 1. Dust of snow 2. Fire & Ice	1. A Triumph of surgery	1.Subject verb Agreement 2. Analytical paragraph writing
May	16	Prose. 3. Two stories about flying Poem. 3. A tiger in the zoo	2. The thief's story	3. Verbs 4. letter writing
June	11	Prose. 4. From the diary of Anney Frank Poem. 5. How to tell wild Animals	3. The midnight visitor	5.Advertisement with enquiry
July	26	Prose. 5. Glimpses of India 6. Megabit the otter Poem. The Ball poem	4. A question of trust	6. Determiner 7. Fillers
August	25	Prose. 7. Madam Rides the bus 8. The sermon of Benares	5. Foot print without feet.	8. Narration
September	Revision and Term-I Examination			
October	25	Prose: A. The proposal (Play)	6. The making & a scientist	
November	26	Poetry: 6. Amanda , 7. The trees	6. The making & a scientist	
December	15	Poetry: 8. Fog 9. The tale of custard the dragon for Anne Gregory	8. Bholi	MCQ/ fillers practice
January	Revision and Term-II Examination			

## Syllabus for Periodic Test and Term Exam:

Periodic Test-I	Periodic Test-2	Periodic Test-3	
First Flight- 1.A Letter to God 2.Dustof Snow(Poem)  FWF- A Triumph of Surgery Gr – Modals, Tenses, Subject Verb Agreement(Revision of previous knowledge) Writing- 1. Letter to the Editor	First Flight – 1.Nelson Mandela- Long Walk to Freedom 2.Two Stories About Flying 3.A Tiger in the Zoo(Poem) Gr – Modals, Tenses, Determiners (Revision of previous knowledge)  FWF- The Thief's Story Writing-Letter of Inquiry	First Flight- 1. Fog (Poem)  FWF- Bholi  Gr – Reported Speech  Writing- Letter for order cancellation	Pre Boards 1  Pre Boards 2

Term-I Exam: PORTION TAUGHT FROM APRIL TO AUGUST

Pre-board Exam: COMPLETE PORTION.

**HINDI**

हंदी पाठ्यक्रम कक्षा – दसवीं विषय कोड 002

**Prescribed Book**

1. क्षितिज भाग –2 ( एन.सी.ई. आर. टी.)
- 2 कृतिका भाग – 2 ( एन.सी.ई. आर. टी.),
- 3 संचित हिंदी व्याकरण तथा रचना गोयल ब्दर्स

**1<sup>st</sup> Periodic**

पाठ – 1 पद (सूरदास) काव्यखंड

Month	No.Of Periods	क्षितिज भाग –2	कृतिका भाग –2	संचित हिंदी व्याकरण तथा रचना
April	10	पाठ –1 पद(सूरदास) काव्यखंड पाठ – 10 नेता जी का चश्मा		रचना के आधार पर वाक्य – भेद औपचारिक पत्र लेखन, अनौपचारिक पत्र लेखन
May	8	पाठ –11 बालगोबिन भगत	माता का आँचल	वाच्य अनुच्छेद लेखन अपठित गद्यांश
June	10	पाठ – 2 राम– लक्ष्मण परशुराम संवाद (काव्यखंड) पाठ – 12 लखनवी अंदाज (गद्यखंड)		पद– परिचय स्ववृत् – लेखन ईमेल – लेखन
July	12	पाठ – 14 एक कहानी यह भी (गद्यखंड) पाठ –4 आत्मकथ्य ( काव्यखंड)		अलंकार श्लेष ( शब्दालंकार) उपमा, उत्प्रेक्षा, अतिशयोक्ति (अर्थालंकार) विज्ञापन, संदेश लेखन
August	14	पाठ – 16 नौबतखाने में इबादत (गद्यखंड) पाठ – 5 उत्साह अट नहीं रहीं है (काव्यखंड)	पाठ – 2 साना– साना हाथ जोड़ि. ....	
September	<b>Revision + First Term Examination</b>			
October	14	पाठ – 17 संस्कृति (गद्यखंड)	पाठ –5 मैं क्यों लिखता हूँ।	रचना के आधार पर वाक्य– भेद वाच्य ( पुनरावृत्ति)
October		पाठ – 17 यह दंतुरित मुसकान, फसल (काव्यखंड) पाठ – 9 संगतकार (काव्यखंड)		संदेश लेखन पद– परिचय अलंकार ( पुनरावृत्ति)
November	PRE BOARD - 1			
December	PRE BOARD - 2			

**2<sup>nd</sup> Periodic**

पाठ – 11 नेता जी का चश्मा (गद्यखंड)  
रचना के आधार पर वाक्य – भेद  
अपठित गद्यांश ( व्यावहारिक व्याकरण)  
पाठ 11 बालगोबिंद भगत (गद्यखंड)  
पाठ–1 माता का आँचल ( कृतिका)  
वाच्य  
पत्र लेखन (( व्यावहारिक व्याकरण)

**3<sup>rd</sup> Periodic**

पाठ – 14 एक कहानी यह भी ((गद्यखंड)  
पाठ – 4 आत्मपरिचय (काव्यखंड)  
पद– परिचय  
अलंकार ( व्यावहारिक व्याकरण)

1<sup>st</sup> Term Examination Syllabus taught from April to August  
Preboard Examination (Whole Syllabus)

**MATHEMATICS**

Prescribed book: - Goyal brothers

Maths Lab Manual NCERT

Month	No of periods	Chapter/Topics	Activity
April	24	Chapter-1 Real Numbers Chapter-2 Polynomials Chapter-3 Pair of linear equations in two variables	Activity 3 , 4,5
May	16	Chapter-3 Continue pair of linear equations in two variables Chapter-4 Quadratic Equations Chapter-5 Arithmetic Progression	Activity 6,7
June	11	Continue chapter-5 Arithmetic Progression Chapter-6 Coordinate Geometry	
July	26	Ch-6 Continued Coordinate Geometry chapter-8 Introduction to Trigonometry Trigonometry Identities	Activity8, 9, 10,11,12,13,14
August	25	Chapter-9 Height and Distance Chapter – 10 Area related to circle Chapter-12 Statistics + Revision for first term	Activity 15,16,17,18,19
September	22	Chapter-12 Statistics	
October	20	Chapter-7 Similar transfer Ch-13 Probability	
Periodic Test – 1		Chapter-1 Real Number Chapter-2 Polynomials	
Periodic Test – 2		Chapter-3 Pair of linear equations Chapter-4 Quadratic equation	
Term – I		Chapter-1 Real Number Chapter-2 Polynomials Chapter-3 Linear equations Chapter -4 Quadratic equation Chapter-5 Arithmetic Progression Chapter-6 Coordinate Geometry Chapter-8 Introduction to trigonometry + Identities Chapter-9 Height and distance	
Periodic Test – 3		Chapter-2 Polynomials Chapter-12 Statistics Chapter-13 Probability	
Periodic Test – 4		Chapter-4 Quadratic Equation Chapter- 7 Transfer Chapter- 9 Height and Distance	

SUBJECT: PHYSICS			BOOKS: NCERT Textbook S. Chand (Help Book) Lab. Manual (Goyal Brothers)
MONTH	CHAPTER	No. Of Periods	LAB. ACTIVITY
APRIL	Chapter - 12. Electricity	12	Determination of equivalent resistance in combinations
MAY	Chapter- 12 Electricity	06	
JUNE	Chapter -13 Magnetic Effects of Electric Current	09	
JULY	Chapter -10 Light – Reflection and Refraction Phenomena	12	
AUGUST	Chapter - 10 Light – Reflection and Refraction		
AUGUST	Chapter – 11 Human Eye And Colourful World	12	Determination of Focal length of mirror and obtaining the image of an object.  Tracing the path of light from a glass Slab and a Prism.
SEPTEMBER		10	

Syllabus for Periodic Test and Term Examination:-

-----  
Periodic Test 1:- Chapter -12 Electricity

Periodic Test 2:- Chapter -13 Magnetic Effects of Electric Current.

01<sup>st</sup> Term. Exam: - Chapter 12 (Electricity) and  
Chapter 13 (Magnetic Effects of Electric Current)

-----  
Periodic Test 3:- Chapter – 10 Light

Periodic Test 4:- Chapter – 11 Human Eye and Colorful World

Pre - Board Examination: - Whole Syllabus.

# CHEMISTRY

Prescribed Books: - (i) Science (NCERT)  
(ii) Lab Manual Science

Months	No. of Periods	Unit (Topic)	Lab Activity/Practical
April	12	Ch-1. Chemical Reaction and equation types of chemical reaction their example and questions based on it	To find the $p^H$ of the following using $p^H$ paper/universal indicator (i) dilute HCl (ii) dilute NaOH (iii) Ethanol (iv) Lemon Juice (v) Water and sodium bi carbonate solution.
May	08	Ch-2. Acid, Base and Salt To know the definition & application of acid base & salt	To study the properties of acid and bases by their reaction with (i) Litmus solution (ii) Zn-Metal (iii) solid sodium carbonate
June	10	Unit – 2. Acid, Base and Salt (contd.)	To study the properties of the following and classify them into (i) Combination (ii) Decomposition (iii) Displacement (iv) Double displacement action of water on quick lime action of Heat on ferrous sulphate crystals. Reaction between sodium sulphate and Bariums chloride.
July	12	Ch-3. Metals and Non-Metals	Observing the action of Zn, Fe, Cu and Al Metal on the following salt solution (i) $ZnSO_4$ (ii) $CuSO_4$ (iii) $Al_2(SO_4)_3$ Arranging Zn, Fe, Cu and Al in the decreasing order of reactivity based on above result
August	10	Ch-3. Metals and Non-Metals (Contd.)	–
September			
October	08	Ch-4. Carbon and its compounds	To study the properties of acetic acid and study their properties. (i) odour (ii) solubility in water (iii) effects on litmus (iv) Reaction with sodium hydrogen carbonate to compare the cleaning capacity of a sample of soap in Soft water and in Hard water,
November and December		Revision + Pre Board Examination.	
<b>SYLLABUS FOR PERIODIC TEST AND TERM EXAMINATION.</b>			
Periodic – 1		Ch-1. Chemical Reaction and Equations up to Page – 10.	
Periodic – 2		Ch-2. Acid, Base and Salt	
Term – 1 Exam.		Chapter 1 and 2.	
Periodic – 3		Ch-3. Metals and Non-Metals	
Pre Board Exam.		Chapter -1 + Chapter - 2 + Chapter – 3 + Chapter – 4 (Whole syllabus)	

**BIOLOGY (044)**

Prescribed book: - 1. Biology NCERT  
 2. Biology Exemplar NCERT  
 3. Core Laboratory Manual (Goyal's Brothers)

Month	No. of Period	Chapters/ lesson
April	15	Life Processes
May	15	Control and coordination
June	16	How do organisms reproduce?
July	18	Heredity
August	20	Our environment
September		Revision + 1st Term examination
Syllabus for periodic test and Term examination		
Periodic Test – 1	PT1: life processes PT2: How do organisms reproduce?	
Revision and Term – I Examination		
Periodic Test – 2	PT3: Heredity	
Pre Boards 1 & 2	Whole syllabus	

**GEOGRAPHY**

Prescribed Book: - Contemporary India -II (NCERT)  
 Mapping the World (acevision)

Month	No .of Periods	Chapter Name	Map Book
April	08	Ch-1 Resources and Development	Page 4-7
May	04	Ch-2 Forest and wildlife Resources	Page 8-13
June	05	Ch-3 water Resources	Page 14-17
July	08	Ch4- Agriculture	Page 18-27
August	08	Ch5 – Mineral and Energy Resources	Page 28- 37
September		Revision and Term 1 examination	
October	08	Ch-6 Manufacturing Ch7 Life line of Indian economy ( Map Work)	Page 38-45 and page 46-61

**Syllabus for periodic Test and Term Examination -2024-25**

1 <sup>st</sup> periodic Test	Ch-1 Resources and Development
2 <sup>st</sup> periodic Test	Ch-2 Forest and wildlife Resources
1 <sup>st</sup> Term Examination : portion taught from April to August	
3 <sup>st</sup> periodic Test	Ch3- water Resources
2 <sup>nd</sup> Term Examination : Portion taught from April to January ( Whole Syllabus)	

## ECONOMICS

Prescribed Book: - Understanding Economic Development (NCERT)

Month	No .of Periods	Chapter Name
April	08	Ch-1 development
May	04	Ch-1 Development contd....
June	05	Ch-2 Sector of Indian Economy
July	08	Ch. 2- sector of Indian Economy
August	08	Ch. 3- Money and credit
September		Revision and Term 1 examination
October	08	Ch-4 Globalization and Indian economy Ch 5 Consumer Rights
November	05	Revision and Pre Board
December	08	Revision and Pre Board
January	08	Revision and Pre Board
February	08	Revision and Pre Board
March		Term – II Examination

### Syllabus for periodic Test and Term Examination -2024-25

1 <sup>st</sup> periodic Test	Ch-1 development
2 <sup>st</sup> periodic Test	Ch-2 Sector of Indian Economy
1 <sup>st</sup> Term Examination : portion taught from April to August	
3 <sup>st</sup> periodic Test	Ch3 Money and credit
2 <sup>nd</sup> Term Examination : Portion taught from April to January ( Whole Syllabus)	

## POLITICAL SCIENCE

Prescribed Book: - Democratic Politics -II (NCERT)

Month	No .of Periods	Chapter Name
April	07	Ch-1 Power sharing
May	05	Ch-2 Federalism
June	03	Ch-2 Federalism
July	12	Ch-3 Gender ,Religion and caste
August	12	Ch-4 Political Parties
September		Revision and Term 1 examination
October	11	Ch-5 Out Comes of Democracy

### Syllabus for periodic Test and Term Examination -2024-25

1 <sup>st</sup> periodic Test	Ch-1 Power Sharing
2 <sup>st</sup> periodic Test	Ch-2 Federalism
1 <sup>st</sup> Term Examination : portion taught from April to August	
3 <sup>st</sup> periodic Test	3.Gender , Religion and Caste
BOARD EXAM	



## HISTORY

Prescribed Book: -INDIA AND THE CONTEMPORARY WORLDII (NCERT)

Month	No .of Periods	Chapter Name
April	11	CH 1 The rise of nationalism in Europe
May	05 06	Ch. 1 The rise of nationalism in Europe Ch. 2 Nationalism in India (To be continued)
June	09 04	Ch. 2 Nationalism in India Ch. 3 Making of a global world ( internal assessment and project work)
July	10	Ch. 4 The Age of Industrialization (Internal assessment and project work
August	15	MAP WORK, diagram ,table studies, and other activities
September	Revision and Term 1 examination	
October	11	Ch. 5 Print Culture

### Syllabus for periodic Test and Term Examination -2024-25

1 <sup>st</sup> periodic Test	Ch. 1 The rise of nationalism in Europe
2 <sup>st</sup> periodic Test	Ch. 2 Nationalism in India
1 <sup>st</sup> term examination : portion taught from April to August	
3 <sup>st</sup> periodic Test	Ch. 3 The making of a global world
BOARD EXAM	