

CAMBRIAN PUBLIC SCHOOL KANKE ROAD RANCHI

Class – XII PCM & PCB (Session 2026-27)

Syllabus

Subject: English

Prescribed Book: – NCERT BOOK

Months	No. of Working Day	Description
April	24	1. The Last Lesson 2. The Third Level 3. My Mother at 66 4. Notice Writing
Assessment Schedule		Periodic Test – I: 27.04.2026 (The Last Lesson – Notice Writing)
May	08 + 10	1. Lost Spring 2. The Tiger King
June	20	1. Keeping Quiet 2. Journey to the end of the Earth 3. Unseen Passage
July	26	1. Deep Water 2. A thing of Beauty 3. Invitation Writing 4. Case Based Factual Passage
Assessment Schedule		Periodic Test – II: 27.07.2026 (Lost Spring – Case Based Factual Passage)
August	24	1. The Rattrap 2. Indigo 3. A Roadside Stand 4. Letter to Editor 5. Report Writing
September		Up to Report Writing Half Yearly
October	21	1. Poets and Pancakes 2. The Enemy 3. Job Application
November	25	1. The Interview 2. On the face of it 3. Article Writing
Assessment Schedule		Periodic Test – III: 23.11.2026 (Poets and Pancakes to On the Face of it)
December	21	1. Going places 2. Memories of Childhood 3. Aunt Jennifer's Tigers
Assessment Schedule		Periodic Test – IV: 11.01.2026 (Article Writing to Aunt Jennifer's Tigers)

January	23	1. Revision of the Whole Syllabus 2. Discussion & Practice of the Important Questions for the Board Exam.
February & March		Whole Syllabus Board Exam.

Subject: Physics (042)

Prescribed Book: –

NCERT Text Book (Part1+Part 2)

NCERT Exemplar

Lab Manual

Month	No. of Working Day	Lesson / Chapter
April	24	1. Electric charges and Fields 2. Electrostatics potential and Capacitance
May	08 + 10	3. Current Electricity 4. Moving Charges and Magnetism
June	20	5. Magnetism and Matter 6. Electromagnetic Induction
Assessment Schedule		Periodic Test – I: 12.06.2026 (Ch – 1, 2 & 3)
July	26	7. Alternating Current 8. Electromagnetic Waves
Assessment Schedule		Periodic Test – II: 10.07.2026 (Ch – 4, 5 & 6)
August	24	Ray Optics and Optical Instruments
September		Revision & Half Yearly Exam
October	21	10. Wave Optics 11. Dual Nature of Radiation and Matter 12. Atoms
November	25	13. Nuclei 14. Semiconductor Electronics: Materials, Devices and Simple Circuits
Assessment Schedule		Periodic Test – III: 02.11.2026 (Ch – 7, 8, 9 & 10)
December	21	Pre-Board / Revision
January	23	Pre-Board / Revision / Practical Exam (Board)
February		Practical Exam (Board)
March		Final Exam (Board)

Subject: Chemistry (043)

Prescribed Book: –

NCERT Text Book (Part 1+ Part 2)

NCERT Exemplar, Lab Manual

Month	No. of Working Day	Lesson/Chapter
April	24	1. Solutions 2. Electrochemistry (contd.)

May	08 + 10	2. Electrochemistry 3. Chemical kinetics
Assessment Schedule		Periodic Test I: 04/05/2026 Solutions.
June	20	4. d- and f-block Elements
July	26	5. Coordination Compound 6. Halo Alkane and halo Arene
Assessment Schedule		Periodic Test II: 31/07/2026 Electrochemistry and Chemical kinetics.
August	24	7. Alcohol phenol and ether 8. Aldehyde ketone and carboxylic acid
September		1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. d and f Block elements 5. Coordination compound Revision & Half Yearly Exam
October	21	9. Amines 10. Biomolecules
Assessment Schedule		Periodic Test III: 30/10/2026 Halo alkane and Halo arene Alcohol Phenol and Ether.
November	25	Chapter wise Revision.
December	21	Pre-Board / Revision
January	23	Pre-Board / Revision/Practical Exam (Board)
February		Practical Exam (Board)
March		Final Exam (Board)

Activities	Volumetric Analysis
	Content Based Experiment
	Salt Analysis
	Project Work

Subject: Mathematics

Prescribed Book: – NCERT (Part 1 & 2)

Months	No. of Working Day	Description
April	24	1. Relation and Functions 2. Inverse Trigonometric Function
May	15	1. Matrix 2. Determinants
June	19	1. Continuity and Differentiability
Assessment Schedule		Periodic Test – I: 29.06.2026 (Relation, Function, Inverse Trigonometric Function)
July	26	1. Differentiation 2. Application of derivatives

Assessment Schedule		Periodic Test – II: 20.07.2026 (Continuity and Differentiability)
August	23	1. Integration and Its Application 2. Differential Equations
September	22	Revision All the above topic Half Yearly Exam.
October	21	1. Vector and Three-Dimensional Geometry
November	18	1. Linear Programming 2. Probability
Assessment Schedule		Periodic Test – III: 30.11.2026 (Vector and Three-dimensional Geometry)
December	21	Revisions and Exam. (Whole Syllabus)
January	22	Revision of whole syllabus
February & March		CBSE Board Exam. (Whole Syllabus)

Subject: Biology

Prescribed Book: – NCERT Biology, NCERT EXAMPLAR

Month	No. of Working Day	Chapters/Topics
April	22/24	1: Sexual Reproduction in Flowering Plants 2: Human Reproduction Practical: 1. To prepare a temporary mount to observe pollen germination. 2. To study pollen germination on stigma, through permanent slides.
May	08/08	3: Reproductive Health Practical: 3. To identify the stages of gametes by using permanent slides: T.S. of Testis, T.S. of Ovary
June	18/19	4: Principles of Inheritance and Variations Practical: 4: To study Pedigree Charts Mendelian traits.
Assessment Schedule		Periodic Test: I 15/06/2026
July	24/26	5. Molecular Basis of Inheritance 6. Evolution Practical: 5. To isolate DNA from Given Plant materials. 6. To study about Mendelian Inheritance using pea seeds of different colours / shapes
Assessment Schedule		Periodic Test II: 06/07/2026
August	21/23	7. Human Health and Diseases 8. Microbes in Human Welfare Practical: 7. Identification of Common Disease-causing organisms: <i>Ascaris</i> , <i>Entamoeba</i> , <i>Plasmodium</i> , etc.
September	12/22	Revision Work: Submission of Project and Practical Note Book Half Yearly Examination
October	18/21	9. Biotechnology: Principles

		10. Biotechnology: Applications Practical: 8. Prepare a temporary mount of Onion Root Tip to study Mitosis. 9. To study about meiosis by using permanent slides.
Assessment Schedule		Periodic Test: III 12/10/2026
November	16/18	11: Organisms and Population 12: Ecosystem 13: Biodiversity and conservation Practical: 10: To study about plant population density by quadrat method 11: To study about Plant population frequency by quadrat method 12: To study about symbiotic association of lichens and Leguminous plants
December	21/21	Revision and Pre-Board Examinations
January	23	Pre-Board Examinations
February		Practical Examinations
March		CBSE Board Examinations

Subject: Computer Science (083)

Prescribed Book: – Computer Science with Python (Sultan Chand Pub.)

Months	No. of Working Day	Description
April	24	1. Revision Tour of Python Using Function.
May	08	Revision Tour of Python Using Function. (Remaining Concept)
June	20	2. File Handling (Text, Binary and Csv File)
Assessment Schedule		Periodic Test – I: 19.06.2026 (Revision Tour of Python Using Function)
July	26	2. File Handling Text, Binary and Csv File)
Assessment Schedule		Periodic Test – II: 13.07.2026 (File Handling (Text, Binary and Csv File)
August	24	3. Data Structure (Stack Using List) 4. Relational Database Management using SQL
September		Ch-(1, 2, 3, 4) Half Yearly
October	21	5. SQL Table Based & Python Database Connectivity
November	25	6. Computer Networking
December	21	Revision of the Whole Syllabus Discussion & Practice of the Important Questions for the Board Exam.
Assessment Schedule		Periodic Test – III: 27.11.2026 (RDBMS & SQL)
January	23	3. Revision of the Whole Syllabus
February & March		Whole Syllabus, CBSE Board Exam.

Subject: Physical Education (048)

Months	No. of Working Day	Description
April	24	Unit 1: Management of Sporting Events
May	8 + 10	Unit 2: Children & Women in Sports Practical Activities Unit 3: Yoga as Preventive Measure for Lifestyle Disease
June	19	Unit 4: Physical Education & Sports for CWSN Practical Activities Unit 5: Sports & Nutrition
Assessment Schedule		Periodic Test I – 19.06.2026 (Portion covered till month of May)
July	22	Unit 6: Test & Measurement in Sports Practical Activities
Assessment Schedule		Periodic Test II – 13.07.2026 (Portion covered till month of July)
August	23	Unit 7: Physiology & Injuries in Sports Unit 8: Biomechanics & Sports Practical Activities
September	22	Revision + Half Yearly Examination (Portion covered till month of August)
October	21	Unit 9: Psychology & Sports Unit 10: Training in Sports
November	18	Revision for Pre-Board Examination
Assessment Schedule		Periodic Test III – 27.11.2026 (Ch – 9 & 10)
December	21	Pre-Board Examination + Revision
January	22	Revision + Practice Papers
February & March	23 & 23	CBSE Board Examination 2026-27

Subject: Fine Arts (049)

Month	No of working days	Topic
April	24	The rajashthani and pahari School of miniature painting. <ul style="list-style-type: none"> • Introduction
May	08	The rajashthani school. <ul style="list-style-type: none"> • Origin and development • Sub –school • Main feature of Rajasthani shool. • Paintings of rajasthani school. • Maru Ragini. • Chaugan Players. • Krishna on Swing. • Radha Bani-Thani. • Bharat Meets Rama at Chitrakuta.

June	19	<p>The paharischool.</p> <ul style="list-style-type: none"> • Origin and development • Sub –school • Main feature of paharishool. • Paintings of Pahari School. • Krishna with Gopis. • Nand, Yashoda and Krishna with kinsmen going to Vrindavana.
July	26	<p>The Mughal School of miniature painting.</p> <ul style="list-style-type: none"> • Origin and Development • Main features of Mughal School • Paintings of Mughal school. • Krishna lifting mount Ggoverdhana. • Falcon on a Bird rest. • Kabir and Raidas. • Marriage procession of dara Shukoh.
August	23	<p>The Deccan School of Miniature Painting</p> <ul style="list-style-type: none"> • Origin and Development • Main Features of Deccan School • Pintings of Deccan school. • Hazrat Nizamuddin Auliya and Amir Khusro. • Chand Bibi playing polo (Chaugan).
September	22	<p>The Bengal school of Painting</p> <ul style="list-style-type: none"> • Origin and Development • Main Features of Bengal School. • A National Flag of India. • Paintings of Bengal School. • Journey’s End. • Shiv and Sati. • Radhika. • Meghdoot. <p>Half Yearly Exam</p>
October	21	<p>Modern trends in Indian Art</p> <p>Paintings:</p> <ul style="list-style-type: none"> • Rama Vanquising the Pride of the Ocean • Mother & Child • Haldi Grinders • Mother Teresa
November	18	<p>Graphics Print</p> <ul style="list-style-type: none"> • Children • Devi • Off Walls • Man, Woman and Tree <p>Sculptures:</p> <ul style="list-style-type: none"> • Triumph of labour.

		<ul style="list-style-type: none"> • Santhal family. • Cries Un-Heard. • Ganesha.
December	22	Revision
January	23	Revision
February & March		Board Exam.

Subject: Hindi (302)

Prescribed Book: – NCERT

Months	No. of Working Day	Description
April	24	1. भक्तिन 2. आत्मपरिचय - दिन जल्दी - जल्दी ढलता है 3. पत्र लेखन
May	8 + 10	1. बाजार दर्शन 2. पतंग
June	19	1. सिल्वर वैडिंग 2. जनसंचार के साधन 3. काले मेघा पानी दे
Assessment Schedule		Periodic Test I – 19/6/26 (भक्तिन, आत्मपरिचय- दिन जल्दी - जल्दी ढलता है)
July	22	1. कैमरे में बंद अपाहिज 2. पहलवान की ढोलक 3. रचनात्मक लेखन
Assessment Schedule		Periodic Test II – 17.07.2026 (कैमरे में बंद अपाहिज, पहलवान की ढोलक, जूझ)
August	23	1. लक्ष्मण मूर्च्छा और राम विलाप 2. जूझ 3. कविता के बहाने बात सीधी थी पर
September	22	(भक्तिन से पहवान की ढोलक) Revision + Half Yearly Examination
October	21	1. अतीत में दबे पाँव 2. उषा
November	18	1. रुबाइयाँ 2. छोटा मेरा खेत, बगुलों के पंख 3. शिरीष के फूल

Assessment Schedule		Periodic Test III – 27.11.2026 (छोटा मेरा खेत, बगुलों के पंख, रचनात्मक लेखन)
December	21	1. श्रम विभाजन और जाति प्रथा 2. मेरी कल्पना का आदर्श समाज
January	22	Revision of the Whole Syllabus Discussion & Practice of the Important Questions for the Board Exam.
February & March	23 & 23	CBSE Board Examination 2026-27
