CALCUTTA PUBLIC SCHOOL

Class VIII

SYLLABUS: 2024-25

ENGLISH I

TERM 1	TERM 2
Syllabus: : Adjective: Degrees of Comparison, Tenses, and their uses (all three types), Active and Passive Voice, Prepositions, Conjunctions, Composition, Letter, Report Writing and Comprehension. **Unit Test 1** Adjective: Degrees of Comparison, Tenses, and their uses (all three types), Report Writing **Half-Yearly Examination**: Adjective: Degrees of Comparison, Active and Passive Voice, Prepositions, Conjunctions, Composition, Letter Writing and Comprehension. . **Internal Assessment**: **Oral –** 24th July to 29th July 2024 **Aural –** 30th July 2024	**Syllabus:** Direct and Indirect Speech, Transformation of Sentences: Simple, Compound & Complex, Synthesis of Sentences, Negative Verbs, Verbs Compounded with Adverbs, Composition, Letter, Proposal writing and Comprehension. **Unit Test 2** Transformation of Sentences: Simple, Compound & Complex, Synthesis of Sentences, Proposal Writing. **Annual Examination:** Direct and Indirect Speech, Negative Verbs, Verbs compounded with Adverbs, Letter, Composition, Comprehension. **Internal Assessment**: **Aura**l – 13th January 2025. **Oral –** 14th January - 17th January 2025.

ENGLISH II

TERM 1	TERM 2
Syllabus: Dreamcatcher an English Reader 8 - Unit 1. Night of the Scorpion (Poem), Unit 6. The Send-Off (Poem), Chapter 8. The Image (Prose), Chapter 10. An Entertainment with Animals (Prose), Chapter 12. Hoodwinked (Prose). **Unit Test 1** Unit 1 Night of the Scorpion (poem), Chapter 8. The Image (prose). **Half-Yearly Examination:** Unit 6. The Send-off (poem), Chapter 10. An Entertainment with Animals (Prose), Chapter12. Hoodwinked (Prose), Unit 1. Night of the Scorpion (poem). **Internal Assessment**: Activity [Enactment]	**Syllabus:** Dreamcatcher an English Reader 8 - Unit 9. The Mirror (Poem), Chapter 13. Thank You, Jeeves (Prose), Chapter 2. Haroun Meets Iff (Prose), Unit 11. A Thing of Beauty Is a Joy Forever (Poem), Unit 17. O Captain! My Captain (Poem), Chapter 8. The Image (Prose). **Unit Test 2:** Unit 9. The Mirror (Poem), Chapter 13. Thank you, Jeeves (Prose). **Annual Examination** Chapter 2. Haroun Meets Iff (Prose), Unit 11. A Thing of Beauty Is a Joy Forever (Poem), Unit 17. O Captain! My Captain (Poem), Chapter 8. The Image (Prose). **Internal Assessment :** Project **Submission Date**: 18.11.2024

SYLLABUS: 2024-25
MATHEMATICS[Mathematics Today for Class 8 S. Chand]

TERM 1	TERM 2
Unit Test 1	**Unit Test 2**
1. Rational Numbers [Ex. 1 A – 1 E] 2. Exponents [Ex. 2] 3. Squares and Square Roots [Ex 3 A- 3 D] 4. Percentage [Ex. 7 A, 7 B] 5. Fundamental Concepts and Operations [Ex. 12 A – 12 D]	1. Cubes and Cube Roots [Ex. 4 A, 4 B] 2. Direct and Inverse Variation [Ex. 10 A, 10 B] 3. Factorisation [Ex. 14 E – 14 G] 4. Linear Equations [Ex. 15 A, 15 B] 5. Representing 3 D Shapes in 2 D [Ex. 21]
Half-Yearly Examination:	**Annual Examination**:
1. Rational Numbers [Ex. 1 A – 1 E] 2. Exponents [Ex. 2] 3. Squares and Square Roots [Ex 3 A- 3 D] 4. Percentage [Ex. 7 A, 7 B] 5. Fundamental Concepts and Operations [Ex. 12 A – 12 D] 6. Sets [Ex. 6 A – 6 C] 7. Profit, Loss and Discount [Ex. 8 A, 8 B] 8. Simple Interest and Compound Interest [Ex. 9 A, 9 B] 9. Algebraic Identities (Some Special Products) [Ex. 13 A – 13 C] 10..Factorisation [Ex. 14 A – 14 D] 11. Quadrilateral [Ex. 18] 12. Constructions of Quadrilaterals [Ex. 20 A]	1. Cubes and Cube Roots [Ex. 4 A, 4 B] 2. Direct and Inverse Variation [Ex. 10 A, 10 B] 3. Factorisation [Ex. 14 E – 14 G] 4. Linear Equations [Ex. 15 A, 15 B] 5. Representing 3 D Shapes in 2 D [Ex. 21] 6. Time and Work [Ex. 11] 7. Linear Inequations [Ex. 16 A, 16 B] 8 Special Types of Quadrilaterals [Ex. 19 A-D] 9. Linear Graphs [Ex. 23 A, 23 B] 10 Areas of Rectilinear Figures [Ex. 25 B – 25 E] 11. Circumference and Area of a Circle [Ex. 26] 12. Volume and Surface Area of Solids [Ex. 27 A – 27 C] 13. Graphical Representation of Data [Ex. 29 B,C] **Project :** Volume and Surface Area of Solids **Submission Date**: 08.01.2025

PHYSICS

TERM 1	TERM 2
Unit Test 1 Chapter 1 :Matter Chapter 3: Forces & Pressure **Half-Yearly Examination**: Chapter 1 :Matter Chapter 2 :Physical Quantities and Measurement Chapter 3: Forces & Pressure Chapter 5 :Light Energy **Project:** Application of Atmospheric Pressure (excluding the examples mentioned in the book). **Submission Date**: 24.06.2024	**Unit Test 2** Chapter 4: Work and Energy **Annual Examination**: Chapter 3: Forces & Pressure Chapter 4: Work and Energy Chapter 5 :Light Energy Chapter 6 :Heat Transfer Chapter 7 :Sound Chapter 8:Electricity **Activity:** Household Circuit

CHEMISTRY

TERM 1	TERM 2
Unit Test 1 Chapter 1: Matter Chapter 3: Elements, Compounds & Mixtures **Half-Yearly Examination:** Chapter 1:Matter Chapter 2:Physical & Chemical Changes Chapter 3: Elements, Compounds & Mixtures Chapter 5:Language of Chemistry Chapter 6: Chemical Reactions **Project:** Separation of different mixtures **Submission Date**: 24.06.2024	**Unit Test 2** Chapter 4:Atomic Structure Chapter 7:Hydrogen **Annual Examination:** Chapter 4:Atomic Structure Chapter 5:Language of Chemistry Chapter 7:Hydrogen Chapter 8:Water Chapter 9:Carbon & Its Compounds **Project**: Making of Carbon Tree **Submission Date**: 27.01.2025 - 31.01.2025

BIOLOGY

TERM 1	TERM 2
Unit Test 1 Chapter1 :Transport of food and minerals in Plants **Half-Yearly Examination:** Chapter1 :Transport of food and minerals in Plants Chapter 2: Reproduction in Plants Chapter 4: Ecosystem Chapter 7: Nervous System **Activity:** Floral dissection of *Hibiscus rosa sinensis/ Clitoria sp.* (Class Activity)	**Unit Test 2** Chapter 3: Reproduction in Animals **Annual Examination:** Chapter 3: Reproduction in Animals Chapter 5: Endocrine System Chapter 6: Circulatory System Chapter 8: Health and Hygiene **Project:** Food Production

COMPUTER APPLICATIONS

TERM 1	TERM 2
Unit Test 1 Chapter 2 :A fair world with blockchain Chapter 3:Charming the Python **Half-Yearly Examination:** Chapter 4:Taming the turtle Chapter 5:Nested for a while in a loop Chapter 7:Mighty App with MIT App inventor **Practical:** Chapter 3:Charming the Python Chapter 4:Taming the turtle Chapter 5 :Nested for a while in a loop Chapter 7:Mighty App with MIT App inventor	**Unit Test 2** Chapter 8: Stylish websites made simple **Annual Examination:** Chapter 3 :Charming the Python Chapter 4:Taming the turtle Chapter 5:Nested for a while in a loop Chapter 6:Fun key events Chapter 9:Unleashing the power of AI Chapter 10 :Listen to what the data says Chapter 11: Think like a data scientist **Practical :** Chapter 1 :Re-edit your favourite video Chapter 3 :Charming the Python Chapter 4:Taming the turtle Chapter 5:Nested for a while in a loop Chapter 6:Fun key events Chapter 8: Stylish websites made simple

SYLLABUS: 2024-25
HISTORY

TERM 1	TERM 2
Unit Test 1 Chapter 2: Early Nationalist Movements. Chapter 1 (Civics): The Legislature **Half Yearly Examination:** Chapter 2: Early Nationalist Movements. Chapter 1 (Civics): The Legislature Chapter 3: Decline of the Mughal Empire. Chapter 4: Expansion of the British Rule. Chapter 6: The First war of Independence. Chapter 2(Civics): The Executive. **Written Project:** Social Reformers.	**Unit Test 2** Chapter 8 Rise of Indian Nationalism Chapter 3 (Civics) :The Judiciary **Annual Examination:** Chapter 8 Rise of Indian Nationalism Chapter 3(Civics): The Judiciary Chapter 9 Struggle for freedom [1905-1922] Chapter 10 Struggle for freedom [1923-1939] Chapter 11 Achievement of Independence (1939-1950) Chapter 4 (Civics):The United Nations **Project:** Activity [PPT / Role Play]

GEOGRAPHY

TERM 1	TERM 2
Unit Test 1 Chapter 2: Population Dynamics Chapter 3: Migration **Half Yearly Examination:** Chapter 2: Population Dynamics Chapter 3: Migration Chapter 8:India : Location, Political Divisions and Physical Features Chapter 9: India: Climate, Natural Vegetation and Wildlife. **Map Pointing - Map of India[ICSE Map]** **Project: -** Wildlife Conservation in India **Submission Date:** 24th June 2024	**Unit Test 2** Chapter 4: Urbanisation Chapter 5: Natural and Human made Disasters **Annual Examination:** Chapter 4: Urbanisation Chapter 5: Natural and Human made Disasters Chapter 6: Asia: Location, Political Divisions and Physical Features Chapter 7:Asia: Climate , Natural vegetation and Wild Life **Map Pointing - Map of Asia** **Project:** PPT Presentation on any topic of Class 8's Syllabus. [Span: **13th January to 17th January 2025**].

SYLLABUS: 2024-25
SECOND LANGUAGE BENGALI

TERM 1	TERM 2
Unit Test 1	**Unit Test 2**
সাহিত্য মুকুল	সাহিত্য মুকুল
গদ্য :- পাঠ ৩ – তোতা কাহিনী	পদ্য :- পাঠ ৯ – কালবৈশাখী
ব্যাকরণ	ব্যাকরণ
পাঠ ১৬ – উপসর্গ	পাঠ ১৭ – একই শব্দের বিভিন্ন অর্থে প্রয়োগ
পাঠ ১৮ – এক কথায় প্রকাশ (পৃষ্ঠা – ২৬৭ –২৬৯)	পাঠ ২৪ – বাংলা শব্দ ও বানান
নির্মিতি :- প্রবন্ধ / গল্প লিখন / চিত্র পাঠ	নির্মিতি :- বোধ পরীক্ষণ
Half Yearly Examination:	**Annual Examination:**
সাহিত্য মুকুল	সাহিত্য মুকুল
গদ্য :- পাঠ ৩ – তোতা কাহিনী	গদ্য :- পাঠ ৮ – অপূর্ব কল্পনা
পাঠ ১০ – যাত্রাপথে	পাঠ ১১ – পদ্মানদীর মাঝি
পদ্য :- পাঠ ১ – রামচন্দ্রের বিলাপ	পদ্য :- পাঠ ৯ – কালবৈশাখী
পাঠ ১০ – জীবন – বন্দনা	পাঠ ১২ – আগামী
ব্যাকরণ	
পাঠ ১৬ – উপসর্গ	ব্যাকরণ
পাঠ ১৮ – এক কথায় প্রকাশ (পৃষ্ঠা – ২৬৭-২৬৯)	পাঠ ১৭ – একই শব্দের বিভিন্ন অর্থে প্রয়োগ
পাঠ ২০ – বাচ্য পরিবর্তন	পাঠ ২২ – বাক্যের রূপান্তর
পাঠ ২৬ – বাগধারা (পৃষ্ঠা ৩৩৬- ৩৩৮)	পাঠ ২৪ – বাংলা শব্দ ও বানান
নির্মিতি :- প্রবন্ধ / গল্প লিখন / চিত্র পাঠ , পত্র লিখন , বোধ পরীক্ষণ	পাঠ ২৬ – বাগধারা (পৃষ্ঠা ৩৩৯ – ৩৪১)
	নির্মিতি :- প্রবন্ধ / গল্প লিখন / চিত্র পাঠ , পত্র লিখন , বোধ পরীক্ষণ
Internal Assessment:	**Internal Assessment:**
Slogan Writing:- " মোদের গরব ,মোদের আশা , আ মরি বাংলা ভাষা ! "	**Aural Test :-** বহিরাগত
	Project :-
	১ মানিক বন্দ্যোপাধ্যায়ের যে কোনো চারটি ছোটো গল্প অবলম্বনে তৎকালীন সমাজের চিত্র আলোচনা ।
Oral Test :- বহিরাগত	**OR**
	২ – জীবনানন্দ দাশের যে কোনো তিনটি কবিতা অবলম্বনে তাঁর প্রকৃতিচেতনা আলোচনা ।
	Submission Date:-15.01.2025

TERM 1	TERM 2
Unit Test 1	**Unit Test 2**
1. पाठ 2 दादा बने खिलाड़ी (गुलमोहर)	1. पाठ 9 कर्मवीर (गुलमोहर)
2. पाठ 8 लिंग (व्याकरण- सुमन)	2. पाठ 9 वचन (व्याकरण- सुमन)
3. पाठ 15 अव्यय: क्रिया - विशेषण (व्याकरण- सुमन)	3. पाठ 6 अनेक शब्दों के लिए एक शब्द (पेज - 50)
4. रचना- निबंध लेखन / कहानी लेखन / चित्र लेखन	4. अपठित गद्यांश
Half Yearly Examination:	**Annual Examination:**
गुलमोहर	गुलमोहर
1. पाठ 1 पहरूए सावधान रहना	1. पाठ 8 साइकिल की सवारी
2. पाठ 2 दादा बने खिलाड़ी	2. पाठ 9 कर्मवीर
3. पाठ 4 भिखारिन	2. पाठ 13 गिरिधर की कुंडलियाँ
4. पाठ 11 मेरा विद्यार्थी जीवन	3. पाठ 14 नीलू
व्याकरण-सुमन	व्याकरण-सुमन
1.पाठ 8 लिंग (व्याकरण- सुमन)	1. पाठ 9 वचन (व्याकरण- सुमन)
2. पाठ 15 अव्यय: क्रिया - विशेषण (व्याकरण- सुमन)	2. पाठ 6 अनेक शब्दों के लिए एक शब्द (पेज - 50)
3. पाठ 16 अव्यय: संबंधबोधक, समुच्चयबोधक, विस्मयादिबोधक	3 पाठ 19 वाच्य
4. पाठ 21 मुहावरे (पेज 167-170)	4. पाठ 20 वाक्य
रचना -	रचना
1. निबंध लेखन/ कहानी लेखन/ चित्र लेखन	1. निबंध लेखन/ कहानी लेखन/ चित्र लेखन
2. पत्र लेखन	2. पत्र लेखन
3. अपठित गद्यांश	2. अपठित गद्यांश
	Internal Assessment:
	1. Aural Test
Internal Assessment:	2. Written Project (Submission Date: 15/01/2025)
Oral Test	
2. Slogan Writing (Topic – राज भाषा हिंदी)	**Topic:** श्री अयोध्या सिंह उपाध्याय का संक्षिप्त परिचय लिखते हुए उनकी लिखी 4 कविताओं को संकलित कर एक परियोजना तैयार कीजिए । **OR**
	महादेवी वर्मा द्वारा पशुओं पर आधारित किसी एक संस्मरण का सारांश लिखते हुए सिद्ध करें कि उन्हें पशुओं से विशेष प्रेम था।

THIRD LANGUAGE BENGALI

TERM 1	TERM 2
Unit Test 1	**Unit Test 2**
গদ্য – পাঠ ১২ – নালক	গদ্য – পাঠ ১৬ – নতুন ছেলে নটবর
পদ্য– পাঠ ৯ – দেয়াল	পদ্য – পাঠ ৫ – বাংলা ভাষা
Half Yearly Examination:	**Annual Examination:**
গদ্য – পাঠ ১৮ – কাবুলের পথে	গদ্য –পাঠ ১৩ – হরিচরণ
পদ্য - পাঠ ৬ – **লিচুচোর**	পদ্য – পাঠ ৩ – নৌকোযাত্রা
Internal Assessment: Newspaper activity: Dialogue Writing	**Internal Assessment:**
	Role Play:- Topic: Indian athletes- Olympic games gold winners.

THIRD LANGUAGE HINDI

TERM 1	TERM 2
Unit Test 1	**Unit Test 2**
पाठ-1 कौन (कविता)	पाठ-9 कोयल (कविता)
पाठ-2 कोई किसी से कम नहीं (कहानी)	पाठ-15 सपनों की उड़ान (कहानी)
Half Yearly Examination:	**Annual Examination:**
पाठ-5 हम कुछ सीखें (कविता)	पाठ-13 स्वच्छ बनाएँ भारत सारा (कविता)
पाठ-6 काकी के दाँत (कहानी)	पाठ-16 पॉलिथीन का रैपर (कहानी
Internal Assessment- Newspaper activity: Dialogue Writing	**Internal Assessment-** **Role Play:-** Topic: Indian athletes- Olympic games gold winners