

ST. JOSEPH'S CONVENT HR. SEC SCHOOL, SAMBALPUR
SYLLABUS 2026-2027
CLASS 8 ENGLISH LANGUAGE
[2026-2027]

BOOK	A Senior English Grammar And Composition
MONTHS	CHAPTERS
March	1. Question Tags
April	2. Agreement Of Verb with Subject 3. Transitive And Intransitive Verbs 4. Notice Writing
	ASSESSMENT
June	5. Tenses
July	6. Active And Passive Voice 7. Email Writing 8. Prepositions
	ASSESSMENT
August	9. Letter Writing (Informal) 10. Direct And Indirect Speech 11. Composition (Narrative, Descriptive)
	ASSESSMENT
September	12. Conjunctions 13. Transformation Of Sentences
	HALF YEARLY EXAMINATION Lesson 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
October	14. Letter Writing (Formal)
	ASSESSMENT
November	15. Adjectives: Degrees Of Comparison 16. Comprehension Passage
	ASSESSMENT
December	17. Composition (Picture)
	ASSESSMENT
January	18. Transformation Of Sentences: ... Too... To-... So... That No Sooner... Than, Hardly... When, Scarcely... When, ... A Soon As...
	Revision
February	ANNUAL EXAMINATION Lesson 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18
Project	ORAL

CLASS 8 ENGLISH LITERATURE

[2026-2027]

BOOK	ICSE GEM'S ENGLISH READER CLASS 8
MONTHS	CHAPTERS
March	1. Space Hunt Extraordinaire
April	2. Songs For the People 3. The Blue Carbuncle
	ASSESSMENT
June	4. Lake Isle of Innisfree
July	5. Ranji's Wonderful Bat 6. The First Pup 7. I Remember, I Remember
	ASSESSMENT
August	8. My Dear Lizzy 9. The Microbe 10. Milk For the Cat
	ASSESSMENT
September	11. The Shoemaker 12. How Pleasant to Know Mr. Lear
	HALF YEARLY EXAMINATION Lesson 2, 3, 4, 5, 6, 7, 8
October	13. Surya's Pot 14. If
	ASSESSMENT
November	15. Older Than History
	ASSESSMENT
December	16. The Nightingale
January	ASSESSMENT Revision
February	ANNUAL EXAMINATION Lesson 9, 10, 11, 12, 13, 14, 15, 16
Project	Summary and Literary devices of the Poem: "Song for the People"

CLASS 8 MATHEMATICS

[2026-2027]

BOOK	ICSE MATHEMATICS 8
MONTHS	CHAPTERS
March	1. Rational Numbers
April	2. Exponents 10. Algebraic Expressions
ASSESSMENT	
June	Algebraic Expressions (Continued) 11. Factorisation
ASSESSMENT	
July	Factorisation (Continued) 14. Quadrilaterals and Circles
ASSESSMENT	
August	3. Squares and Square Roots 12. Linear Equations in One Variable 13. Inequations
ASSESSMENT	
September	4. Cubes And Cube Roots
HALF YEARLY EXAMINATION [Chapters: 1,2,3,10,11,12 &14]	
October	7. Direct and Inverse Variation
ASSESSMENT	
November	8. Percentage and its Applications 9. Simple Interest and Compound Interest
ASSESSMENT	
December	15. Practical Geometry 18. Mensuration
January	6. Sets 19. Data Handling 20. Graphs
February	ANNUAL EXAMINATION [Chapters: 4,6,7,8,9,15,18 & 19]
Project	Construction

CLASS 8 PHYSICS

[2026-2027]

BOOK	THE WORLD OF SCIENCE PHYSICS 8
MONTHS	CHAPTERS
March	1. Matter
April	1.Matter [Continued] 2. Physical Quantities & Measurement
ASSESSMENT	
June	2. Physical Quantities & Measurement [Continued]
ASSESSMENT	
July	3. Force & Pressure
ASSESSMENT	
August	4.Energy
ASSESSMENT	
September	5.Light
HALF YEARLY EXAMINATION [Chapters:- 1,2,3, 4]	
October	5.Light [Continued]
ASSESSMENT	
November	6.Heat Transfer
ASSESSMENT	
December	7.Sound
January	8.Electricity
February	ANNUAL EXAMINATION [Chapters:-4,5,6,7,8]
Project	1. Working Model of Simple Electric Circuit 2. Model Of An Electromagnet

CLASS 8 CHEMISTRY

[2026-2027]

BOOK	THE WORLD OF SCIENCE CHEMISTRY- 8
MONTHS	CHAPTERS
March	1. Matter
April	1.Matter [Continued] 2. Physical & Chemical Changes
ASSESSMENT	
June	3. Elements, Compounds & Mixtures
ASSESSMENT	
July	4.Atomic Structure
ASSESSMENT	
August	5. Language Of Chemistry
ASSESSMENT	
September	6.Chemical Reactions
HALF YEARLY EXAMINATION [Chapters: 2,3,4,5]	
October	6.Chemical Reactions [Continued]
ASSESSMENT	
November	7. Hydrogen
ASSESSMENT	
December	8.Water
January	9. Carbon & Its Compounds
February	ANNUAL EXAMINATION [Chapters:- 4,5,6,7,8,9]
Project	3d Model of Atomic Structure & Structure of Diamond

CLASS 8 BIOLOGY

[2026-2027]

BOOK	ICSE BIOLOGY 8 VIVA EDUCATION
MONTHS	CHAPTERS
March	1. Transport Of Food And Minerals In Plants
April	Transport Of Food And Minerals In Plant (Contd) 2. Asexual Reproduction In Plants
ASSESSMENT	
June	Asexual Reproduction In Plants (Contd)
ASSESSMENT	
July	3. Sexual Reproduction In Plants.
ASSESSMENT	
August	4. Sexual Reproduction In Animals. 5. Ecosystem
ASSESSMENT	
September	6. Endocrine System
HALF YEARLY EXAMINATION	
October	7. Circulatory System
ASSESSMENT	
November	8. Nervous System
ASSESSMENT	
December	9. Health And Hygiene
January	10. Food Production
February	ANNUAL EXAMINATION [Chapters :- 4,6,7,8,9,10]
Project	Schematic Diagram Of The Path Of Blood Flow.

CLASS 8 ODIA**[2026-2027]**

NAME OF THE BOOK	ଆମ ଭାଷା ଆମ ସାହିତ୍ୟ (ଭାଗ - ୮)
MONTHS	CHAPTERS
March	6. କହିବି କଥାଟି (ପଦ୍ୟ)
April	8. ରାମାୟଣ କଥା (ଗଦ୍ୟ)
	ASSESSMENT
June	2. ସନ୍ଧ୍ୟା (ପଦ୍ୟ)
	ASSESSMENT
July	10. ମୃତ୍ୟୁବିଜୟୀ ବାଳକ (ଗଦ୍ୟ) 3. ବସନ୍ତ (ପଦ୍ୟ)
	ASSESSMENT
August	15. ଆମେ ଧରଣୀ ବୁକୁର ଶିଶୁ (ଏକାଙ୍କିକା) 4. ବର୍ଷା (ପଦ୍ୟ)
	ASSESSMENT
September	11. ସଡ଼କ ନିରାପତ୍ତା (ଗଦ୍ୟ)
	HALF YEARLY EXAMINATION Chapter- 6,8,2,10,3,15 ରଚନା ଓ ଦରଖାସ୍ତ ପଠିତ ପଦ୍ୟାଂଶ, ପଠିତ ଗଦ୍ୟାଂଶ
October	5. ଜନ୍ମଭୂମି (ପଦ୍ୟ)
	ASSESSMENT
November	14. ମନରେ ଆସୁ ମୋ ଭଲ ଭାବନା (ଗଦ୍ୟ)
	ASSESSMENT
December	7. ଛୋଟ ମୋର ଗାଆଁ ଟି (ପଦ୍ୟ)
January	16. ଦରଜା ଖୋଲି ଦେବା (ଏକାଙ୍କିକା)
February	REVISION ANNUAL EXAMINATION Chapter- 6,8,4,11,5,14,7,16, ରଚନା ଓ ଦରଖାସ୍ତ ପଠିତ ପଦ୍ୟାଂଶ, ପଠିତ ଗଦ୍ୟାଂଶ
Project	ସଡ଼କ ଯାତ୍ରା ସମୟରେ ନିରାପତ୍ତା (safety) ପାଇଁ ସଡ଼କ ପାର୍ଶ୍ୱରେ ଥିବା ୫ଟି ଚିହ୍ନ (symbol) ଗୁଡ଼ିକର ଛବି ସଂଗ୍ରହ କରି ସେଗୁଡ଼ିକ ବିଷୟରେ ୧୦ ଧାଡ଼ି ଲେଖାଏଁ ଲେଖା (In Project Papers)

CLASS 8 HINDI**[2026-2027]**

NAME OF THE BOOK – सहज हिंदी पाठमाला -8	
MONTHS	CHAPTERS
March	वर दे वीणा वादिनी वर दे।
April	मेरी अंतिम अभिलाष पत्र लेखन (अनौपचारिक)
	ASSESSMENT
June	क्या हुआ अभी हम बालक हैं
	ASSESSMENT
July	वेनका की चिट्ठी व्यावहारिक व्याकरण
	ASSESSMENT
August	मॉरीशस व्यावहारिक व्याकरण
	ASSESSMENT
September	पेड़ों के संग बढ़ना सीखो। अपठित गद्यांश व्यावहारिक व्याकरण
	HALF YEARLY EXAMINATION
October	गिल्लू
	ASSESSMENT
November	प्राणी वही प्राणी है। व्यावहारिक व्याकरण
	ASSESSMENT
December	भोलाराम का जीव निबंध लेखन। औपचारिक पत्र लेखन।
January	ताई अपठित गद्यांश व्यावहारिक व्याकरण
February	ANNUAL EXAMINATION
PROJECT	हिमालय की प्राकृतिक संपदा(300 शब्दों) में लिखें।

CLASS 8 HISTORY AND CIVICS

[2026-2027]

Book	ICSE History and Civics - 8
MONTHS	CHAPTERS
March	1. A Period of Transition
April	2. The Union Legislature
	ASSESSMENT
June	3. The Age of Revolutions
	ASSESSMENT
July	4. American Civil War 5. The Union Executive 6. India in the 18th century
	ASSESSMENT
August	7. Traders to Rulers I 8. Traders to Rulers II 9. The Union Judiciary
	ASSESSMENT
September	10. 10. The Impact of the British Rule on India
	HALF YEARLY EXAMINATION
	1. A Period of transition 2. The Union Legislature 3. The Age of Revolutions 4. American Civil War 5. The Union Executive 6. India in the 18th century 7. The Union Judiciary
October	11. Revolt of 1857: First War of Independence 12. The United Nations Organization
	ASSESSMENT
November	13. Struggle for Freedom I 14. Struggle for Freedom II
	ASSESSMENT
December	15. The United Nations and its Specialised Agencies
January	REVISION.
February	ANNUAL EXAMINATION
	1. Traders to Rulers I 2. Traders to rulers II 3. The impact of the British rule on India 4. Revolt of 1857 5. Struggle for Freedom I 6. Struggle for Freedom II 7. The United Nations Organisation 8. The United Nations and its Specialised Agencies
Project	Social Reforms in the Indian Society: Great Reforms and Reforms movement

CLASS 8 GEOGRAPHY

[2026-2027]

BOOK	ICSE GEOGRAPHY OUR EARTH
MONTHS	CHAPTERS
March	1. Interpreting Topographical Maps
	ASSESSMENT
April	2. Population Dynamics
	ASSESSMENT
June	3. Overpopulation and Underpopulation
	ASSESSMENT
July	4. Migration 5. Urbanisation
	ASSESSMENT
August	6. Changing Faces of Cities
	ASSESSMENT
September	7. Geographical Numerical (Temperature) 8. Physical Map Work Of Asia
	HALF YEARLY EXAMINATION [Chapters: - 1, 2, 3, 4, 5, 6, 7, 8]
October	9. Natural and Man- Made Disaster 10. Natural and Man- Made Disaster (CASE STUDY)
	ASSESSMENT
November	11. Asia: Location and Physical Features 12. Asia's Climate
	ASSESSMENT
December	13. India's Location and Physical Features 14. India's Climate, Natural Vegetation, and Wildlife Conservation 15. Physical Map Work Of India
January	16. Human Resources in India
February	ANNUAL EXAMINATION [Chapters:- 9, 10, 11, 12, 13, 14, 15, 16]
Project	Class 8 Project: NDRF and Flood Rescue Operations

CLASS 8 COMPUTER SCIENCE

[2026-2027]

BOOK	Green Earth Publication
MONTHS	CHAPTERS
March	1. Algorithm and Flowchart (Chapter-7 Page-90) a) Meaning and concept of Algorithms b) Types of algorithms, its advantages, disadvantages c) Steps used in algorithm. d) Some common problem solved using algorithms.
April	2. Algorithm and Flowchart (Chapter-7 Page-90) a) Meaning and concept of flowchart. b) Advantages & Disadvantages of flowchart. c) Steps used in flowchart. d) Some common problem solved using flowchart
	ASSESSMENT
June	3. Elaboration on MS-Excel (Chapter-4 Page-43) a) Cell reference (absolute & relative type) b) Functions and formulas used in ms-excel (Numeric and Text type functions). c) Formatting of cells, rows and columns d) Validation, Sharing and exporting of data.
	ASSESSMENT
July	4. Introduction to Bluej (Java) Chapter-9 (Page-112) a) OOP's and POP paradigms/concepts. b) Language elements, types and importance. c) Character set, operator and data types used in java d) Some general programs of using bluej platform
	ASSESSMENT
August	4. Introduction to Bluej (Java) Chapter-9 (Page-112) Continuation of chapter-9 5. Operating System Chapter-1 Page-9 a) Definition, role and importance of O/S b) Types of O/S c) Functions of O/S d) Classification of O/S (Like GUI CUI etc.)
	ASSESSMENT
September	6. Java Control Flow Statement Chapter-10 Page-129 a) Control flow concept in java. b) If statement, if-else statement, if-else if- else statement used in java. c) Programming of using conditional statements.
	HALF YEARLY EXAMINATION
October	Java Control Flow Statement Chapter-10 Page-129 a) Concept of loops in java. b) Uses, importance, advantages of loops. c) Types of loops used in java/bluej. d) Programming using loop in java/bluej.
	ASSESSMENT

November	7. Creating Charts in MS-Excel.Chapter-5 Page-66 a) Definition, importance of charts. b) Components of charts. c) Types of chart-line, bar, pie, column, scatter etc. d) Formatting of chart.
	ASSESSMENT
December	8. Artificial Intelligence.Chapter-11 Page148 a) Concept of Artificial Intelligence. b) Aims and objectives of AI c) Advantages and disadvantages of AI d) Application of AI in different fields.
January	Revision work , project assessment for annual examination.
February	ANNUAL EXAMINATION

CLASS 8 VEDIC MATHEMATICS

[2026-2027]

BOOK	VEDIC MATH LEVEL – 5A ,5B & 6A, 6B
MONTHS	CHAPTERS
March	1. Addition of odd, even, continuous and limited series of numbers 2. Multiplication of numbers ending with 15
April	3. Multiplication and Division of whole numbers ending with mixed fraction 4. Addition of Special Fractions
June	5. Addition of Squares 6. Subtraction of squares of two consecutive number 7. Special Multiplication
July	8. Shortcut of percentage 9. Multiplication with Factors 10.Sum of Unusual Numbers Part - 1,2,3
August	11.Finding the day of the year – Normal year 12.Finding the day of the year - Leap year 13.Different Method of Division by 25, 50,125
September	14.Simultaneous Linear equations (Elimination, Graphic, Substitution) 15.Grand Revision
	HALF YEARLY EXAMINATION
October	16.Digital Root and application of Digital Root
November	17.Vinculate and Devinculate
December	18.Squares by Duplex Method
January	19.Square root and cube root by Digital Root Method 20.Grand Revision
February	ANNUAL EXAMINATION