



Chittagong Grammar School Dhaka (Pri-Sec)

CLASS 8

Summer Term Syllabus 2025-2026

Subject	Contents
English	<p>Paper 1: Unseen Comprehension (Implicit and Explicit questions, Inferential, Writer's Craft questions), Summary and Opinion-based Questions from Teacher's Resources and Textbooks.</p> <p>Paper 2: Directed Writing (Speech, Article, Report, and Letter) and Creative Writing (Descriptive essay and Narrative story).</p>
Maths D.	<p>Chap: 1, Numbers ; Chap: 3, Powers and Roots; Chap: 4, Fractions , Decimals, Percentages; Chap: 5, Ordering; Chap 6, The Four Operations ; Chap 7, Indices 1; Chap 8, Standard Form; Chap 9, Estimation; Chap 11, Ratio and Proportion; Chap 12, Rates; Chap 13, Percentages; Chap 14, Using a Calculator; Chap 15, Time; Chap 19, Introductory to Algebra; Chap 20, Algebraic Manipulation; Chap 21, Algebraic Fractions; Chap 23, Equations; Chap 24, Inequalities; Chap 26, Proportion; Chap 27, Graphs in Practical Situations; Chap 28, Graphs of Functions; Chap 31, Coordinate Geometry; Chap 32, Geometrical Terms; Chap 35, Similarity; Chap 36, Symmetry; Chap 37, Angles; Chap 39, Units of Measure; Chap 40, Mensuration; Chap 41, Pythagoras Theorem and Trigonometry.</p>
Add. Maths	<p>Chapter: 8, 9 & 10.</p> <p>Text Book: Cambridge IGCSE™ and O Level Additional Mathematics Second edition, Val Hanrahan, Jeanette Powell, Stephen Wrigley.</p>
Bangla	<p>বই: সাহিত্য কনিকা গল্প: মংদুর পথে, বাংলা নববর্ষ, কবিতা: আবার আসিব ফিরে, জাগো তবে অরণ্য কন্যারা, প্রার্থী</p> <p>ব্যাকরণ: P1: রচনা, চিঠি, প্রতিবেদন P2: সন্ধি, বাগধারা, বাক্য রূপান্তর, ক্লোজ প্যাসেজ, কম্প্রিহেনসন, শব্দার্থ।</p>

Physics	Chapter 5: Momentum, Chapter 9: Thermal Properties and Temperature, Chapter 10: Transfer of Thermal of Energy Book: Cambridge IGCSE Physics
Biology	Ch. 6 Nutrition in Plants Ch. 7 Transport in flowering plants
Chemistry	Topic: Moles & Acid Base Book: Cambridge IGCSE Chemistry
BD. Studies Paper 1	Revision of Topic 1 The Struggle for Control of the Indian Subcontinent, 1204-1784. Resources: Bangladesh Studies Paper 1 History and Culture of Bangladesh. Page: 1 to 49.
BD. Studies Paper 2	Book- Environment and Development of Bangladesh Topic 9: Migration and Urban Growth ; Topic 10: Health and Education ; Topic 11: Sustainable Development Goals Textbook pages: 176-223 Workbook pages: 182-220
Env. Mgt	Chapter 7: The Atmosphere and human activities Book: Cambridge IGCSE and O level Environmental Management Coursebook by Gary Skinner, Ken Crafer, Melissa Turner, Ann Skinner and John Stacey Workbook: Cambridge IGCSE and O Level Environmental Management Workbook by Gary Skinner, Ken Crafer, Melissa Turner and Ann Skinner
Commerce	Chap 18, 19, 20 Cambridge O Level Commerce Course book, 2 nd Edition. By Mary Trigwell-Jones
Economics	Chapter 15 to Chapter 18. BOOK: Cambridge IGCSE® and O Level Economics Course book, 2nd Edition. By Susan Grant

Accounting	Cambridge Igcse and o level accounting Coursebook by CATHERINE COUCOM Chapter: 5, 10 and 11
Business	CHAPTER : 10, 11, 12, 13 CAMBRIDGE IGCSE AND O LEVEL BUSINESS STUDIES SIXTH EDITION BY KAREN BORRINGTON & PETER STIMPSON
Computer Science	Chapter 3: Full Chapter 4: Upto IDE 4.2.1 Chapter 7 & 8: <ol style="list-style-type: none"> 1. IF, NESTED IF, CASE 2. LOOPS(FOR loop, WHILE loop and REPEAT UNTIL loop) 3. Library Routine/Library Function(DIV/MOD/ROUND/RANDOM), STRING Handling Library Function(LENGTH, UCASE, LCASE, SUBSTRING) 4. Validation and Verification 5. Flowchart Trace table
Art	Medium experiment (Acrylic color), One board making