



Chittagong Grammar School Dhaka (Pri-Sec)

CLASS 8

Summer Term Exam Syllabus 2024-2025

Subject	Contents
English	<p>Paper 1 - Reading Section A Comprehension and use of language: Showing understanding of explicit and implicit meanings and attitudes and how writers effect and influence readers Section B Summary and short responses: Showing understanding of explicit and implicit meanings and attitudes, selecting and using information for specific purposes, organising and structuring ideas and opinions for deliberate effect and using a range of vocabulary and sentence structures appropriate to context</p> <p>Paper 2 - Writing Section A Directed writing: Articulating experience and express what is thought, felt and imagined, organising and structuring ideas and opinions for deliberate effect, using a range of vocabulary, sentence structures and register appropriate to context, using spelling, punctuation and grammar accurately, analysing, evaluating and developing facts, ideas and opinions using appropriate support from the text and selecting and using information for specific purposes Section B Composition: Articulating experience and express what is thought, felt and imagined, organising and structuring ideas and opinions for deliberate effect, using a range of vocabulary and sentence structures appropriate to context, using spelling, punctuation and grammar accurately</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 28, Graphs in Practical Situations; 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>Factors and Remainder Theorem. Coordinate Geometry- Straight-line graphs. Functions. Quadratic Functions. Simultaneous equations. Logarithmic and exponential functions. Binomial Theorem.</p>

Bangla	P1-Essay,Letter(Informal)Report Writing (unseen) P2- Separation and Combination of words, (full),Idioms (তথ্য) (seen) Proverbs,Sentence Transformation, Cloze Passage,MCQ and O.E Comprehension with Vocabulary(unseen)
Physics	Chapter :1 Measurement of Physical Quantities Chapter 2 Motion Chapter 3 Mass, Weight, Density Chapter 4: Force Chapter 5: Momentum Chapter 6: Energy, Work and Power Chapter 7: Pressure Chapter:8 Kinetic Particle model of matter Chapter: 9 Thermal Properties and Temperature Chapter:10 Transfer of Thermal Energy Resources: Textbook, powerpoint slides, class notes
Biology	Chapter 1: Cells Chapter 3: Movement of Substances Chapter 4: Biological Molecules Chapter 5: Enzymes Chapter 6: Nutrition in Plants Chapter 7: Transport in plants Chapter 8: Nutrition in Humans Chapter 9: Gas exchange system Chapter 10: Respiration Resources: Textbook, powerpoint slides, class notes, worksheets.
Chemistry	Chapter 1: Kinetic Particle Theory Chapter 2: Measurements and Experimental Techniques Chapter 3: Separation and Purification Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Ionic Bonding Chapter 7: Covalent and Metallic Bonding Chapter 8: Writing Chemical Equations Chapter 9: The Mole Chapter 11: Acids and Bases Resources: Chemistry matters (Textbook), Workbook, Handouts (GC), Worksheets
BD. Studies Paper 1	Topic 1 The Struggle for Control of the Indian Subcontinent, 1204 - 1784, Topic 2 The Years of Growing Opposition, Topic 3 In Search of Independence, 1911 - 71. Page: 1 to 103. Book: Bangladesh Studies History and Culture of Bangladesh Paper 1
BD. Studies Paper 2	Topic 1: Landscape of Bangladesh; Topic 6: Manufacturing Industries ; Topic 7: The Service Sector, Topic 8: Population structure, growth and impact on quality of life (as done in the class) Book- Environment and Development of Bangladesh (pages - 1-29; 134-175); Workbook- pages:3-39; 136-180 (as done in the class)
Env. Management	Chapter 2: Energy and the Environment Chapter 5: Oceans and Fisheries Chapter 6: Managing Natural Hazards Chapter 7: The Atmosphere and Human Activities Cambridge IGCSE and O level Environmental Management Coursebook by Gary Skinner,

	Ken Crafer, Melissa Turner, Ann Skinner and John Stacey Cambridge IGCSE and O level Environmental Management Workbook by Gary Skinner, Ken Crafer, Melissa Turner, Ann Skinner
Commerce	Chapter 1 to Chapter 21 CAMBRIDGE O LEVEL COMMERCE (7100) BOOK : CAMBRIDGE IGCSE AND O LEVEL COMMERCE COURSEBOOK BY MARY TRIGWELL - JONES
Economics	Chapters 1 to 19. Textbook: Cambridge IGCSE® and O Level Economics Coursebook, Second Edition
Accounting	Cambridge Igcse and o level accounting Coursebook by CATHERINE COUCOM Chapter 1 to 10
Bus. Studies	Chapters 1 to 12. Textbook: Cambridge IGCSE And O Level Business Studies 5th Edition
Computer Science	Chapter 1, 2, 4, 7, 8, 9, 10
Art	Component 1(two boards) explore and experiment media, materials, techniques and processes (watercolor, acrylic color, pen and pencil).