



Autumn Term Syllabus Class 8 2024 - 25

Subject	Syllabus
English	<p>Cambridge O Level Coursebook & Cambridge IGCSE Coursebook</p> <p>Paper 1 - Chapter 12 – 20 Narrative, Factual Recount, Exposition, Why & How explanation, Information Report, Narratives, connectors, vocabulary, summary, exploring text types with features, active/passive voice, sentence types (common mistakes in sentence construction) Comprehension, figures of speech.</p> <p>Paper 2 - Reports, formal/informal letters, articles, argumentative essay</p>
Bangla	<p>Paper-1:prose:Jatra,Rail poth, Poem:Nodi, Tomar jekhane shadh Essay,Letter, Report Writing</p> <p>Paper 2: Separation and combination of word (shondhi),Idioms(baghdhara) Proverb, Sentence Transformation (unseen), Vocabulary</p>
BD Studies Paper 1	<p>Topic 2 The Years of Growing Opposition. Page: 50 to 71. Book: Bangladesh Studies History and Culture of Bangladesh Paper 1</p>
Commerce	<p>Book: Cambridge O Level Commerce Course Book, 2nd Edition. By Mary Trigwell-Jones Chapter: 1 to 13</p>
BD Studies Paper 2	<p>Book: Environment and Development of Bangladesh Topic : 1, 2 and 3.1,3.2,3.3 Textbook (pages 1-75) Workbook: worksheets related to the topics.</p>
EM	<p>Chapter 2: Energy and the Environment. Cambridge IGCSE and O level Environmental Management Coursebook . Page: (25-49) Cambridge IGCSE and O level Environmental Management Workbook. Page. (23-34)</p> <p>Chapter 5: Oceans and Fisheries. Cambridge IGCSE and O level Environmental Management Coursebook. Page (112-131). Cambridge IGCSE and O level Environmental Management Workbook Page. (70-81)</p>
Business Studies	<p>Chapters 1 to 9</p> <p>Cambridge IGCSE and O LEVEL Business Studies, Fifth Edition By Karen Borrington & Peter Stimpson</p>
Economics	<p>Chapters 1 to 8</p> <p>Book: Cambridge IGCSE® and O Level Economics Course book, 2nd Edition. By Susan Grant</p>
Add Maths	<p>Coordinate Geometry- Straight-line graphs, Functions & Quadratic Functions. Text Book : New Syllabus Additional Mathematics , Prof Lee Peng Yee</p>



Maths D	<p>Numbers, Powers and Roots, Fractions, Ordering, The four operations, Indices I, Standard Form, Estimation, Intro to Algebra, Algebraic Manipulation, Algebraic Fractions, Equations, Graphs in Practical Situations, Coordinate Geometry, Geometrical Terms.</p> <p>Text Book-Cambridge O Level Mathematics Second edition Author(s): Michael Handbury, Jean Matthews, Elaine Dorsett</p>
Accounting	<p>Book Coucom: Cambridge IGCSE and O Level Accounting Coursebook by Catherine Chapter: 1 to 4, 6 & 7</p>
Computer Science	<p>Chapter 1: Data Representation Numbering System, Conversion of all numbering systems, Hexadecimal table, Uses of Hexadecimal, binary addition, overflow, two's complement, Data Storage, calculating file size</p> <p>Chapter 9: Database Field, Record, Data Types, Primary key detection or creation, SQL structure on "SELECT", "FROM", "WHERE"-with comparison Operators</p> <p>Chapter 10: Logic gate(FULL)</p>
Physics	<p>Chapter :1 Measurement of Physical Quantities Chapter: 10 Transfer of Thermal Energy Chapter: 9 Thermal Properties and Temperature Chapter 2 Motion</p>
Chemistry	<p>Chapter 1: Kinetic Particle Theory, Chapter 2: Measurement and Experimental Techniques, Chapter 3: Separation and Purification, Chapter 4: Elements, Compounds and Mixtures, Chapter 5: Atomic Structure</p> <p>Resources: Textbook, Workbook, Practical book, Worksheets, CW and HW Copy, PDF shared in google classroom</p>
Biology	<p>Chapter 1: Cells, Chapter 2: Classification, Chapter 3: Movement of Substances Chapter 4: Biological Molecules.</p>
Art and Design	<p>Artist study- 1. Leonardo da Vinci 2. Michelangelo 3. Zainul Abedin 4. Quamrul Hassan.</p> <p>Medium study- Pencil, watercolor. Subject- Drawing, composition, perspective.</p>