



**A. G. Church School / Dhaka**  
**First Semester Syllabus – 2024-2025**  
**Class: 7/ Jasper, Jade and Sapphire**

**ENGLISH LANGUAGE**

**Text Book: Grammar Builder Book 5 (Teacher: Jessica Miss and Poushi Miss)**

**Grammar :Teacher :Jessica Miss**

- Parts of Speech (Review).
- Tenses.
- Prepositions.
- Adjectives.
- Adverbs.
- Conjunctions.
- Phrases and Clauses.
- Active and Passive voice.
- Direct and Indirect Speech.
- Sentence structure: Compound and complex.
- Linking words.
- Common Errors
- Idioms and Proverbs
- Synonyms and Antonyms

**Text Book: Secondary English Book 4**

**Creative writing: Teacher Poushi Miss**

- Descriptive Essay
- Summary Writing
- Paragraph Writing
- Letter Writing (Formal and Informal)
- Vocabulary Development
- Comprehension



## ENGLISH LITERATURE

### Text Book: Twelfth Night by William Shakespeare

- Act 3 (Scene I to IV)
- Act 4 (Scene I to III)
- Act 5 (Scene I)

### Poetry

- Poem: The Road Not Taken by Robert Lee Frost  
Ozymandias by Percy Bysshe Shelley  
(Short Q/A, Broad Q/A, Reference to the context, Character Analysis, One line answer, Definitions, Word Meanings, MCQ, Themes, Motifs, Symbols, Poem Summary & Analysis)  
Literary Terms- Imagery, Foreshadowing

## G. MATHEMATICS

- Chapter 1 – Direct and Inverse Proportion
- Chapter 2 – Linear Graph and Simultaneous Equations
- Chapter 3 – Expansion and Factorization of Quadratic Expressions
- Chapter 4 – Further Expansion and Factorization of Algebraic Expressions
- Chapter 5 – Quadratic Equations and Graphs.
- Chapter 7 – Congruence and Similarity.

## BANGLA

### বাংলা প্রথম পত্র

- ১। তেলপাড়
- ২। আমড়া ও ক্র্যাব নেবুলা
- ৩। ঢাকাই ছড়া
- ৪। নোলক

### বাংলা দ্বিতীয় পত্র

- ১। বিপরীত শব্দ
- ২। বাগধারা
- ৩। বিরাম চিহ্ন
- ৪। সমর্থক শব্দ
- ৫। সমোচ্চারিত শব্দ
- ৬। চিঠি
- ৭। ইমেইল
- ৮। এক কথায় প্রকাশ



## PHYSICS

- Chapter 1: How Science works
- Chapter 2: Units
- Chapter 3: Energy
- Chapter 4: Molecules
- Chapter 11: Pushes and Pulls
- Chapter 12: Density.
- Chapter 13: Pressure.
- Chapter 14: More about Forces.
- Chapter 16: Work, Energy and Power.
- Chapter 18: Velocity and Acceleration.
- Chapter 19: Momentum.
- Chapter 21: Waves.
- Chapter 22: Light.
- Chapter 23: Reflection.
- Chapter 24: Curved Mirrors.
- Chapter 25: Refractions.

## BIOLOGY

### Text Book: Biology For You

- Chapter 1.
- Chapter 2
- Chapter 3
- Chapter 5
- Chapter 6
- Chapter 13
- Chapter 19

## CHEMISTRY

### Text Book: Chemistry For You

- Basic ideas.
- Atomic structure.
- The periodic table.
- Groups of non-metals.
- Electrolysis
- Acids and alkalis
- Ionic compounds
- Covalent bonding
- Metals and structures



## HISTORY

### Book: Discovering Bangladesh Book II

- Chapter 1: The Rise of Muslim Rule in Bengal.
- Chapter 2: The Rule of the Independent Sultans in Bengal.
- Chapter 3: The Rise and Fall of the Mughal Empire in Bengal.
- Chapter 4: The Social and Cultural Changes in Medieval Bengal.
- Chapter 5: The Art of the Medieval Bengal.
- Chapter 6: Architectural Innovations Introduced by the Muslims.
- Chapter 7: Development of Bangla Language and Literature.

(Short Q/A, Broad Q/A, F/B, T/F, Matching, Short Note, Diagrams)

## GEOGRAPHY

### Text Book: Discovering Bangladesh Book 2

- Chapter 11: Resources
- Chapter 12: Population and Settlement
- Chapter 13: Democracy
- Chapter 14: Elections
- Chapter 15: Fundamental Rights

## COMPUTER

- Chapter 1. : Network & Communications.
- Chapter 3 : World Wide Web (WWW)
- Hand-note : Number Systems.
- Chapter 6 – 10 : Web Development in HTML
- Chpater 11: JavaScript in HTML

**N.B.:** Should there be any changes or additions, you will be notified in the class.