



## ENTRANCE EXAM SYLLABUS

### Grade 8

#### **English:**

##### **Reading Comprehension (Prose/Poetry)**

Identify genre/ Characterization/Sequence of events

Decode Vocabulary/ Prefixes & Suffixes

Analyze Theme/Analyze Plot and Setting/Define Author's Purpose

Main Idea and Detail/Fact and Opinion/Compare and Contrast/ Draw Conclusion/Make Inferences

Figures of Speech/Rhyme Scheme

##### **Language Conventions**

Parts of Speech (noun, pronoun, verb, adjective, adverb, conjunction, preposition, and interjection)

Kinds of Sentences (function/structure)

Subject-Verb Agreement/Verb Tenses

Punctuation (capitalization, comma, question mark, exclamation mark, apostrophe, and quotation)

##### **Writing**

Letter Writing (Formal)

Expository Writing

Narrative Writing

#### **Math**

Ratios and Proportional Relationships

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

The Number System

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

#### Expressions and Equations

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

#### Geometry

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

#### Statistics and Probability

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.

#### اللغة العربية:

- تحليل نص نثري
- كتابة بيتين شعريين لقصيدة من اختيارك مرّت معك سابقاً
- قواعد لغوية: الفعل المبني للمجهول - الفاعل - جمع المذكر السالم - الميزان الصرفي - العدد - النعت - الإعراب
- كتابة موضوع تعبير