ENTRANCE EXAM SYLLABUS

Grade 9

English:

Reading Comprehension (Prose and Poetry)
Identify Genre/ Characterization/Sequence of Events
Decode Vocabulary/ Prefixes and 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)
Informational Writing

Math

The Number System
• Know that there are numbers that are not rational, and approximate them by rational numbers.

Expressions and Equations
• Work with radicals and integer exponents.
• Understand the connections between proportional relationships, lines, and linear equations.
• Analyze and solve linear equations and pairs of simultaneous linear equations.

Functions
• Define, evaluate, and compare functions.
• Use functions to model relationships between quantities.

Geometry
• Understand congruence and similarity using physical models, transparencies, or geometry software.
• Understand and apply the Pythagorean Theorem.
• Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.

Statistics and Probability
• Investigate patterns of association in bivariate data.

اللغة العربية:

- تحليل نص نثري
- كتابة بيتين شعريين لقصيدة من اختيارك مرّت معك سابقًا
- قواعد لغوية: المفعول لأجله، ألفاظ العقود، الأفعال المضارعة، الفعل الجامد والفعل المتصرف، الحال، إعراب.
- كتابة موضوع تعبير (كتابة قصة).