

Mathematics OBJECTIVES FOR ENTRANCE TEST - YEAR 8

Numbers

1. Adding and subtracting Integers
2. Multiplying and Dividing Integers
3. Adding and Subtracting Decimals
4. Multiplying and Dividing by 10 , 100 and 1000
5. Factors and primes
6. Converting units(mm , cm , m , km, g and gm)
7. Converting Fractions , Decimals and Percentages
8. Rounding Numbers
9. Ordering Decimals
10. Adding and Subtracting Fractions

Algebra

1. Function Machine
2. Drawing straight line Graphs
3. Patterns and Sequences
4. Translating into Algebraic Expressions
5. Simplifying Algebraic Expressions
6. Substitution into an expression
7. Solving simple Equations

Geometry

1. Area and perimeter of 2D shapes
2. Volume of cuboids
3. Solid shapes(Faces , vertices and Edges)
4. Angle Properties(Angles in triangle , angles in parallel lines)
5. Line of Symmetry
6. Transformation(Reflection , Translation and Rotation)

Data and Probability

1. Mean , Median ,Mode and Range
2. Finding Probability
3. Interpreting Graphs

English Entrance exam objectives

Year group: 7-8 English

No.	objectives:
1	To demonstrate comprehension skills based on a non-fiction text, including knowledge of vocabulary.
2	To use writing skills (cohesion, paragraphing, using varied sentence structure and varied vocabulary)

Arabic Objectives for year 8

الصف الثامن:

ماتمت دراسته بمادة اللغة العربية في الصف السابع حسب كتاب اللغة العربية الخاص بوزارة التربية والتعليم في قطر