مدرسة القديسة مريم الكاثوليكية الثانوية ـ دبي

ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

ENTRANCE EXAMINATION 2026

MATHEMATICS PORTION -YEAR 8 (NON CAL)

NUMBERS

- Decimals – Ordering and all four operations, word problems
- Squares and Square root
- Directed Numbers
- Estimating the answer by rounding
- Fractions – Equivalent fractions, Addition and subtraction, word problems
- Order of operations - BODMAS
- Long Multiplication and long Division
- HCF and LCM
- Percentages – To find the percentage of quantities, conversions between fraction, decimal and percentages
- Ratio and Proportion

ALGEBRA

- Expanding brackets and Simplifying Expressions
- Formulae – substituting values
- Simple Linear Equations
- Square Numbers and Square roots
- n^{th} term of an Arithmetic Sequence

GEOMETRY AND MEASURES

- Perimeter and Area of 2D shapes
- Surface area and Volume of Cuboids
- Lines and Angles – Angle properties – Parallel lines, triangle and quadrilateral

STATISTICS

- Mean, Mode, Median and range from raw data
- Pie Chart