



ST.MARY'S CATHOLIC HIGH SCHOOL, DUBAI.

PORTION FOR THE ENTRANCE EXAM for Academic Year 2019-2020

MATHEMATICS - YEAR 6

Number work:

- Numbers 1- 100 000
- Four operations
- Fractions
 - Equivalent fractions
 - Addition & subtraction of unlike fractions
 - Fractions of an amount .
- Decimals (2 dp)
 - Place value
 - Rounding
 - Addition & subtraction
- Percentages
 - Percentages of an amount
 - Conversion of fractions, decimals & percentages
- Ratio and proportion
- Word problems on all the above topics

Shapes:

- 2D and 3D shapes (identifying)
- Area and perimeter of squares, rectangles and compound shapes made of squares and rectangles
- Lines of symmetry
- Lines and angles. (Measuring and drawing all types of angles)
- Plotting coordinates (First quadrant)
- Transformations (Reflection and translation)

Measures

- Units of length, weight and capacity
- Reading time
- 12 hour and 24 hour clock
- Time duration

Handling data

- Pictogram,
- bar graph,
- tally chart,
- line graph
- probability