

MATHEMATICS FINAL EXAM PORTION -MAY 2023

YEAR 6

MAXIMUM MARKS: 60

TIME: 1 HOUR 30 MINUTES

Text books 6A, 6B & 6C AND Practice books 6A, 6B & 6C

UNIT1: Place value within 10,000,000

- Rounding off
- Negative numbers
- Sequencing, Comparing & ordering

UNIT 2 & 3 : Four operations

- Addition and subtraction
- Multiplication and division
- Factors and multiples
- Square, cube and prime numbers
- Order of operations

UNIT 4 & 5: Fractions

- Simplifying fractions
- Convert mixed numbers to improper fractions and vice versa.
- Comparing and ordering
- Addition, subtraction, multiplication and division
- Fraction of an amount

UNIT 6: Geometry— Position and direction

- Reflection and Translation
- Plotting co ordinates
- Reasoning about shapes with co ordinates

UNIT 7 & 8: Decimals and Percentage

- Equivalent fractions, decimal, and percentage
- Multiply and divide by 10 ,100,1000
- Convert fraction as decimal & vice versa
- Convert fraction to percentage
- Multiply and divide decimals

UNIT 9: Algebra

- Find a rule
- Using a rule
- Formulae
- Solving Equation

UNIT 10 & 11: Measure-Metric measures, perimeter ,area and volume

- Converting Metric units
- Perimeter and area
- Area of triangle and parallelogram
- Volume of Cuboid

UNIT 12: Ratio and Proportion

- Ratio
- Scale drawing and factors
- Problem solving on ratio and proportion

UNIT 13: Geometry: Properties of shapes

- Angles in triangles and polygons
- Vertically opposite angles
- Parts of a circle
- Nets

UNIT 15: Statistics

- Mean
- Reading and interpreting pie charts with Fraction and percentage
- Interpreting and constructing line graphs

**** Refer to all worksheets and resources posted in GC.**

NOTE:

GL Progress test in math assesses pupils' current knowledge and skill appropriate to age related expectations

GL PTM assesses:

1. Mathematical content knowledge (full year portion)
2. Understanding and applying mathematical processes.