

Mathematics Learning Journey



Engineering, Information Technology, Financial Services, Medicine, Research, Data Analysis, Market Research, Accounting, Civil Service, Teaching / Lecturing etc.....

Measures of location



Line symmetry and reflection

Angles in parallel lines and polygons

Standard index form

Algebra: Indices

Data handling cycle

Area of Trapezia and circles

Number sense

Fractions and Percentages

Algebra: Sequences

Algebra: Brackets equations and

Sets and probability

Prime numbers and proof

Multiplying and dividing fractions

Representing data: Tables and Probability

Developing number sense

YEAR 8

Working in the Cartesian plane

Developing Geometric Reasoning

Ratio and Scale; Multiplicative change

Directed Number: Operations and Equations

Application of number: Problem solving Addition, Subtraction, Multiplication and Division

Place value and order: Integers and decimals

Constructing, measuring and using geometric notations

Addition and subtraction of fractions

Fractions and Percentages of amounts

Equivalence: Fractions, Decimals and Percentages

Equality and Equivalence

Algebraic notation

Geometry: Position and Direction

Key Stage 2 SATs

Investiga-

YEAR 7

Sequences

Geometry: Properties of Shape

Statistics

Statistics

Number: Fractions, Decimals and Percentages

Number: Algebra

Measurement: Converting units

Number: Addition, Subtraction, Multiplication and Division

Number: Place Value

Measurement: Perimeter, Area and Volume

Number: Decimals

Geometry: Shape

Number: Decimals

Number: Ratio

Measurement: Converting Units

Number: Fractions

YEAR 6

Measurement Perimeter and Area

Measurement: Volume

Number: Decimals and Percentages

Statistics

Geometry: Position and Direction

Number: Negatives

Number: Fractions

Number: Multiplication and division

Number: Addition and Subtraction

YEAR 5

The progression of skills and concepts is based on a small steps design.

Number: Fractions

Number: Multiplication and division

Number: Place Value

welcome

Each group cover the same unit/topic but at different levels.