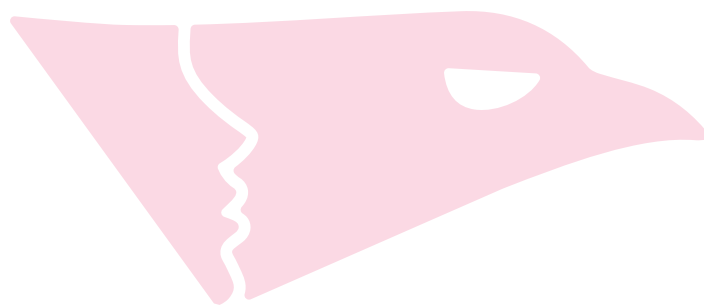


TMC 2026-2027 Weekly Maths Programme

TMC-1

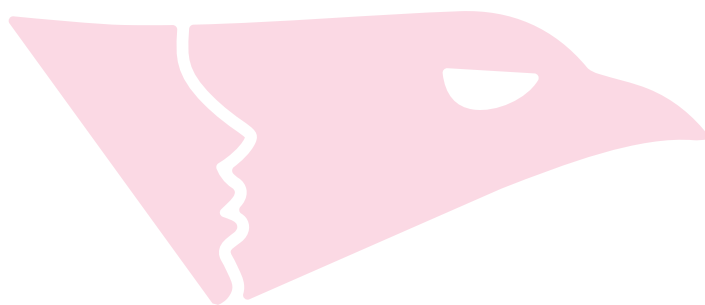
Week	Weekly Topic
1	Logical Thinking (Balance Problems, Basic Sequences, Basic Number and Pattern Problems, Basic Age and Date Problems)
2	Numbers and Operations I (Addition and Subtraction, Place Value)
3	Numbers and Operations II (Rounding, Multiplication and Division)
4	Numbers and Operations III (Fractions as Parts of a Whole)
5	Geometry I (Classification and Properties of 2D/3D Shapes)
6	Geometry II (Partitioning Shapes into Equal Parts, Area and Perimeter of Rectangles)
7	Measurement I (Estimating and Measuring Masses, Measuring Lengths)
8	Measurement II (Estimating and Measuring Liquid Volumes, Telling Time)
9	Measurement III (Interpreting Simple Charts)
10	Mixed Qualification Practice(Revision of key Qualification topics through mixed questions)
11	Global Focus Session
12	Global Focus Session
13	Written Exam Sample Questions
14	Rapid Fire Round Sample Questions
15	Logical Minds Challenge Sample Questions
16	Final Review Session



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TMC-2

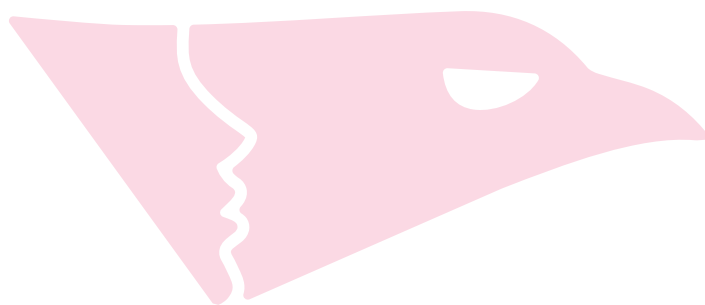
Week	Weekly Topic
1	Logical Thinking (Balance Problems, Basic Sequences, Number and Pattern Problems, Age and Date Problems)
2	Numbers and Operations I (Place Value, Basic Number Operations and Functions)
3	Numbers and Operations II (Rounding Decimal Numbers)
4	Geometry I (Quadrilaterals and Circles, Rotational Symmetry)
5	Geometry II (Shapes and Nets, Perimeters, Areas and Volumes)
6	Sequences (Counting and Sequences, Square and Triangular Numbers, Prime and Composite Numbers)
7	Fractions, Decimals and Percentages I (Understanding Fractions, Percentages)
8	Fractions, Decimals and Percentages II (Equivalence and Comparison)
9	Ratio and Proportion (Understanding Ratios and Proportions)
10	Mixed Qualification Practice (Revision of key Qualification topics through mixed questions)
11	Global Focus Session
12	Global Focus Session
13	Written Exam Sample Questions
14	Rapid Fire Round Sample Questions
15	Logical Minds Challenge Sample Questions
16	Final Review Session



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TMC-3

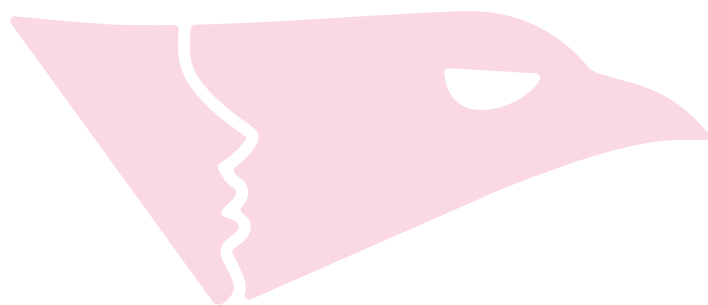
Week	Weekly Topic
1	Logical Thinking (Construction Problems, Basic Speed, Distance and Time Problems, Advanced Number and Pattern Problems, Age and Date Problems)
2	Numbers and Operations I (Integers, Powers, Roots and Divisibility)
3	Numbers and Operations II (Place Value, Ordering and Rounding, Fractions, Decimals, Percentages, Ratio and Proportion)
4	Algebra I (Expressions, Equations and Formulae)
5	Algebra II (Sequences, Functions and Graphs)
6	Geometry and Measure I (Angles, Parallel Lines and a Transversal)
7	Geometry and Measure II (Perimeters, Areas and Volumes)
8	Probability and Statistics (Basic Statistics and Probability)
9	Mixed Algebra, Geometry and Statistics Practice
10	Mixed Qualification Practice (Revision of key Qualification topics through mixed questions)
11	Global Focus Session
12	Global Focus Session
13	Written Exam Sample Questions
14	Rapid Fire Round Sample Questions
15	Logical Minds Challenge Sample Questions
16	Final Review Session



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TMC-4

Week	Weekly Topic
1	Logical Thinking (Construction Problems, Speed, Distance and Time Problems, Advanced Number and Pattern Problems, Age and Date Problems)
2	Numbers I (Fractions and Percentages, Powers, Roots and Standard Form)
3	Numbers II (Growth and Decay, Time, Currency and Conversions)
4	Algebra I (Algebraic Roots and Indices, Expanding and Factorising Expressions)
5	Algebra II (Linear and Quadratic Equations, Functions, Simultaneous Equations)
6	Graphs (Linear and Quadratic Graphs, Graphing and Solving Inequalities, Graphical Solutions of Equations)
7	Geometry and Trigonometry I (Right-Angled Triangles, Pythagoras' Theorem, Congruence and Similarity)
8	Geometry and Trigonometry II (Sine and Cosine Rules, Area of Triangles, Basic Trigonometric Graphs and Equations)
9	Probability and Statistics (Mean, Mode and Median, Basic and Conditional Probability, Statistical Diagrams, Histograms, Cumulative Frequency)
10	Mixed Qualification Practice (Revision of key Qualification topics through mixed questions)
11	Global Focus Session
12	Global Focus Session
13	Written Exam Sample Questions
14	Rapid Fire Round Sample Questions
15	Logical Minds Challenge Sample Questions
16	Final Review Session

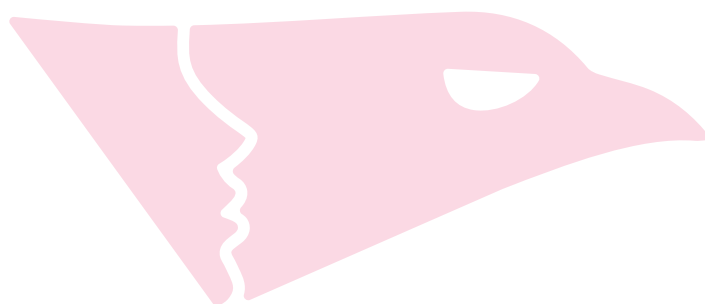


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TMC-5

Week	Weekly Topic
1	Logical Thinking (Construction Problems, Speed, Distance and Time Problems, Advanced Number and Pattern Problems, Age and Date Problems)
2	Quadratics (Solving Quadratic Equations, Inequalities and Systems of Equations, Equations Reducible to Quadratics, Graphs of Quadratic Functions)
3	Functions and Transformations (Composite Functions, Inverse Functions, Graphs of Functions, Graph Transformations)
4	Coordinate Geometry (Equations of Straight Lines, Parallel and Perpendicular Lines, Equation of a Circle, Intersections of a Circle and a Line)
5	Circular Measure, Exact Trigonometric Values and Binomial Expansion
6	Trigonometry II (Graphs of Trigonometric Functions, Trigonometric Identities, Trigonometric Equations)
7	Series (Arithmetic and Geometric Series, Sums of Series, Infinite Geometric Series)
8	Differentiation (Differentiation of Polynomials, Chain Rule, Gradients, Tangents and Normals, Applications of the Second Derivative)
9	Mechanics and Permutations and Combinations (Forces and Resultants, Newton's Laws, Permutations with Repetition, Permutations with Restrictions, Combinations of r Items from n Items)
10	Mixed Qualification Practice (Revision of key Qualification topics through mixed questions)
11	Global Focus Session
12	Global Focus Session
13	Written Exam Sample Questions
14	Rapid Fire Round Sample Questions
15	Logical Minds Challenge Sample Questions
16	Final Review Session

For more information, including the detailed Qualification Curriculum, sample questions from previous Qualification Rounds, and additional competition resources for each TMC level, please visit: www.teeneagle.org



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