Maths Learning Journey

YEAR 13

Regression
Moments
Forces
Projectiles
Modulus Functions
Differentiation: Chain rule, Product Rule Quotient rule
3D Vectors
Conditional Probability
Normal Distribution
Kinematics
Integration: Definite logs, trig functions By Substitution By Parts
Differentiation: Points of Inflexion Rates of Change
Numerical Methods:
Partial Fractions
Forces and Newton's Law of Motion
Kinematics
Binomial Distributions
Continuous Distributions
Standard deviation
PMCC
Trig: Double Angle Formula Identities Sec/cot/cosec
Radian Small Angle Approximations
Algebraic Division
Variable Acceleration
Hypothesis Testing
Regression Lines
Sampling Techniques

YEAR 12

Further Quadratics
Surds & Indices
Trigonometric Identities
Differentiation
Exponentials & Logarithms
Geometry
Transformation 4
Proofs: By Exhaustion By Deduction
Vectors in 2D/3D
Binomial Expansions
Graphs of Polynomials
Trigonometric Equations
Sequences 5
Circle Theorem 2
Sine & Cosine rule
Ratio 4
Circular Functions
FDP 6
Exponentials
Quadratic Equations & Graphs 2
Similarity LAV
Rates of Change
Simultaneous Equations 6
Histogram
cumulative Frequency
Trigonometry 3
Vectors 2
Composite Functions
Surds

YEAR 11

Identities
Product Rule
Transformation 3
Brackets & Equations 5
Linear Graphs 2
Circle Theorem
3D Pythagoras and Trig 2
Loci / Plans
Plans & Elevations
Index Laws
Congruence Proof
FDP 5
Quadratic & Cubic Graphs
Ratio & Proportion 3
Scatter Diagrams
Sequences 4
Quadratic Graphs 1
Simultaneous Equations 4
Sampling
Compound Units
Scale Drawing
FDP 4
Linear Graphs
Circles
Ratio & Proportion 2
Brackets 1
Congruence
Scatter Diagrams
Trigonometry 1
Substitution 2
Equations 3
Sequences 3
Probability 2
Pythagoras
Volume
Area 2

YEAR 10

Measures
Cartesian Plane
Angles in Polygons
Sequences 2
Multiply & Divide Fractions 2
FDP 3
Area 1
Handling Data Cycle
Standard index form
Proof
Transformation 1
Ninja
Ratio & Scale 1
Multiplicative Change
Brackets Equations 2
Representing data
Prime Number
Geometric Reasoning
Operations and Equations 1
Add and Subtract Fraction
Place Value Ordering
Understanding and using algebra notation & Substitution 1
Number Sense
Sets and Probability
Ninja
Construct and Measure
Solving Problems
Fractions 1
Sequences 1
Equality & Equivalence

YEAR 9

YEAR 8

YEAR 7

M.