Year 10 Summer Term 2022 – Mathematical vocabulary

Students in Year 10 study different content dependent upon their class.

Miss Robinson, Mr Hammond and Mr McClusky	
Formulae	Variable Expression Subject Substitution Formula Rearrange
Probability	Theoretical · Certain Outcome · Impossible Mutually Exclusive Relative Frequency Expectation Evens
Transformations	Reflection · Translation Rotation · Enlargement Origin · Coordinate Horizontal · Vertical Scale factor · Axis Orientation · Mirror Line Vector
Maps, bearings and loci	Scale · Dimensions Bearing Fixed Point Locus/Loci Perpendicular Bisector Construction

Mr Storey-Scott	
Algebraic proof	Multiple Odd/even Identity Proof/Prove Demonstration Counter-Example
Quartiles and cumulative frequency	Lower quartile Upper quartile Inter-quartile range Cumulative frequency Box plot Median
Further Volume and surface area	Volume Surface area Pyramid Frustum Sphere Cone
Vectors	Column vector Midpoint Colinear Parallel Scalar Ratio

Mr Bullock and Mrs Joseph	
Graphs of inequalities & linear programming	Linear inequality Quadratic inequality Linear programming Inclusive
Quadratics and identities	Coefficient Identity
Further data analysis	Sampling · Moving average Stratified · Histogram Systematic · Frequency density Quota · Class width Trend Time series Opportunity sampling
Fractional indices, estimating powers and bounds	Bound Index/indices Exponent Base Evaluate