Year 8 Spring Term 2022 – Mathematical vocabulary

Students in Year 7 study different content dependent upon their class.

Mr Bees and Mr Ahluwalia/Mr Bullock		
Angles	Protractor Acute Angle Obtuse Angle Reflex Angle Isosceles Quadrilateral	
Properties of shapes and solids	Equilateral Scalene Kite Trapezium Sphere Tetrahedron	Isosceles Rhombus Parallelogram Symmetry Triangular Prism Pyramid
Area	Compound/Composite Area Perimeter Boundary Width Height Estimate/Approximate	
Proportional reasoning	Direct Proportion Ratio Simplify Increase Decrease Unitary	Comparing Best Value
Fractions and percentages	Convert Fractions of amount Per Cent Percentage Increase Percentage Decrease	

Mrs Joseph and Mr Bullock/Miss Robinson		
Algebraic expressions	Expression Variable Coefficient Like terms Expand Substitute	Simplify Factorise
Lines and angles	Regular Irregular Polygon Parallel Perpendicular Construct	
Fractions	Proper fraction Improper fraction Mixed number Reciprocal Cross-cancel	
Solving equations	Equation Variable Substitution Expand Solve	
Sequences	Sequence Term-to-term Position-to-term Nth term Generate	

Mr McClusky and Mr Storey-Scott		
Circumference and perimeter	Arc Segment Circumference Tangent Diameter Radius	Sector Minor/Major Chord
Geometry and angles	Corresponding Co-Interior Internal External Tessellate Vertically Opposite	Alternate Supplementary
Compound measures	Compound measure Distance time graph Density Pressure Population density Force	Speed
Probability	Probability Mutually Exclusive Theoretical Relative Frequency Expectation Bias	
Area	Compound/Composite shape Irregular shape Regular shape Area Sector Perpendicular	