Year 10 Spring Term 2022 – Mathematical vocabulary

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

Miss Robinson, Mr Hammond and Mr McClusky		
Circumference and perimeter	Arc Segment Circumference Tangent Diameter Radius	Sector Minor/Major Chord
Geometry and angles	Corresponding Co-Interior Supplementary Internal External Vertically Opposite	Alternate Tessellate
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	

Mr Storey-Scott		
Enlargement and similar shapes	Enlargement Centre of Enlargement Scale Factor Similarity Congruent	
Trigonometry	Trigonometry Opposite Adjacent Sine Cosine Tan	Hypotenuse
Sequences	Sequence Arithmetic Geometric Linear Quadratic nth term	
Sets and probability	Set Probability Sample Space Diagram Tree Diagram Independent Union	Intersection Compliment
Algebraic proof	Proof/Prove Identity Demonstrate Disprove Consecutive Counter-Example	Conjecture

Mr Bullock and Mrs Joseph		
3D coordinates, Pythagoras and trigonometry	Pythagoras Trigonometry Hypotenuse Adjacent Opposite Cartesian	
Circle compounds	Arc Segment Sector Chord Composite Minor/major	
Functions	Function Composite function Inverse function Reciprocal function Graph transformation Translation	
Sine rule, cosine rule and area of triangles	Sine rule Cosine rule Ambiguous Diagonal	
Graphing inequalities	Linear inequality Quadratic inequality Linear programming Inclusive	