



KS4 Year 10 Key Word Bank (Maths)



Term	Topic/s	Key Words (with definitions if applicable)
Autumn Term 1	1) Equations and inequalities 2) Graphs	1) Inequality: Inequalities are the relationships between two expressions which are not equal to one another. The symbols used for inequalities are $<$, $>$, \leq , \geq and \neq . 2) Linear: A linear equation is an equation that contains letters and numbers, for example $3x + 10 = 16$. It does not contain any x^2 or x^3 terms. 3) Gradient: Gradient is another word for "slope".
Autumn Term 2	1) Probability 2) Multiplicative reasoning 3) Transformations 4) Ratio and Proportion	1) Probability: The chance of something happening. 2) Compound: A Compound measurement is a measurement that uses more than one quantity. 3) Transformation: A transformation is a way of changing the size or position of a shape. 4) Ratio: A ratio shows how much of one thing there is compared to another.
Spring Term 1	1) Similarity and congruence 2) Trigonometry 3) Right angle triangle	1) Similarity 2) Congruent: If one shape can be rotated, reflected or translated to fit exactly onto another shape, then the shapes are said to be congruent. 3) Sin, cos and tan: functions used in trigonometry. 4) Pythagoras theorem: $a^2 + b^2 = c^2$.
Spring Term 2	1) Statistics	1) Cumulative frequency diagram: A cumulative frequency diagram creates a running total of the amounts within a table. 2) Histogram: A histogram looks like a bar chart, except the area of the bar, and not the height, shows the frequency of the data.



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Summer Term 1	<ul style="list-style-type: none">1) Equation and graph2) Circle Theorem3) Construction4) Quadratic equations	<ul style="list-style-type: none">1) Quadratic equations : equations with include .2) Function: In maths, a function is something that takes an input and produces an output.3) Locus (Loci): A locus is a set of points satisfying a certain condition.
Autumn Term 1	<ul style="list-style-type: none">1) Equations and inequalities2) Graphs	<ul style="list-style-type: none">1) Inequality: Inequalities are the relationships between two expressions which are not equal to one another. The symbols used for inequalities are $<$, $>$, \leq, \geq and \neq.2) Linear: A linear equation is an equation that contains letters and numbers, for example . It does not contain any or terms.3) Gradient: Gradient is another word for "slope".