

St Thomas More RC College Curriculum Topic Overview commencing September 2020

Subject: Maths Year Group \_Y10 Higher (a1, a2)

Week	Autumn
1	Basic Trigonometry
2	Area of a non-right angle triangle
3	Sine and Cosine Rule
4	3D Pythagoras & 3D Trigonometry
5	Sample, Population and Collecting Data
6	Construct and Interpret cumulative frequency tables and graphs
7	Construct and interpret Histograms (Including mean and Median from Histograms)
8	Sketch Quadratic functions, and use to find an approximate solution
9	Solve Simultaneous Equations (Linear and non-linear)
10	Solve quadratic inequalities graphically
11	Circle Theorems
12	Circle Geometry (finding tangent, gradient and equation of a circle)
13	Surds recap and rationalising the denominator
14	Multiplying and dividing algebraic fractions
15	Simplifying, multiplying and dividing algebraic fractions

Week	Spring
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Week	Summer
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