Subject Curriculum Plan: Maths 2021-22

ST CLEMENT'S HIGH SCHOOL

	Half Term	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn Term 2021	1	Sequences Place value Addition and subtraction Multiplication and division Factors and multiples	Rounding Algebraic expressions Linear equations Angles Area and perimeter	Integers and place value Decimals Indices, powers and roots Factors multiples and primes Fractions Fractions, decimals and %'s Percentages	**Foundation** Tables Statistics Averages Charts and graphs Pie charts Scatter graphs Parallel lines Polygons Quadratic equations Pythagoras Perimeter and area 3D forms and volume Probability Compound measures Constructions and loci Similarity and congruence **Higher** Indices and roots Fractions Simplify expressions Equations Linear graphs Surds Solving quadratics Simultaneous equations Proportion Collecting data Averages and range Scatter graphs Polygons and parallel lines Pythagoras and trigonometry Perimeter and area 3D forms Accuracy and bounds Constructions and loci Probability Further trigonometry	**Foundation** Trigonometry Vectors Graphs Simultaneous equations Proof Accuracy and bounds **Higher** Vectors and geometric proof Quadratic inequalities Quadratic sequences Circle theory Transformations of graphs Graphing inequalities Algebraic fractions Changing the subject Proof Functions Iteration Gradient and area under curve Growth and decay
	2					
Spring Term 2022	3	Order of operations Geometry Fractions Algebraic expressions	Percentages Ratio and proportion Fractions 2D geometry	Probability Simplifying expressions Brackets Substitution Equations Ratio and proportion		
	4					
Summer Term 2022	5	Fraction and %'s of amounts. Primes and indices. Rounding Algebraic expressions 2	3D geometry Statistics Probability	Standard form Straight line graphs Real life graphs Sequences Transformations Inequalities Quadratic expressions Further graphs		Revision and Examinations
	6					