

HT1: Unit 1 – Number Read and write powers of 10 Indices 4 operations with decimalsHCF/LCM Powers and roots and BIDMAS Unit 2 – Calculating space (Extension of Year 7 unit 8) Area, surface area and volume Converting between units	HT2: Unit 3 – Data Averages Graphical representation Interpreting and comparing statistical inquiry (CST Peace/P&V) Unit 4– Algebraic manipulation (Extension of Year 7 Unit 1) (Link to Unit 1) Further manipulation Solving equations Substitution (powers) INTERLEAVING WEEK AND CAREERS IN	Assessment Point: Summative or AFL HT 1 Assessment – testing knowledge of skills taught in Units 1 and 2 HT 2 Assessment – testing knowledge of skills taught in Units 3 and 4 AND interleaving of topics in units 1 and 2	HT3: Unit 5 – Mental and written calculations (including fractions) Mental methods with decimals and fractions Estimation Using a calculator Unit 6 – Triangles Similarity Congruence Construction EXTENSION	HT4: Unit 7 – Fractions, decimals and percentages, ratio and proportion (Extension of Year 7 Unit 7) Percentage change Recurring decimals Unitary method Direct proportion (CST Care/ P&V) (CST Dignity)	Assessment Point: Summative or AFL HT3 and HT4 (with elements of HT1 and HT2) HT 3 Assessment – testing knowledge of skills taught in Unit 5 and 6 HT 4 Assessment – testing knowledge of skills taught in Unit 7 AND interleaving of topics in units 1 to 6	HT5 Unit 8- Sequences and Graphs (Links to Unit 4 and 5) Nth term Functions Y=mx+c Real life graphs Unit 9 - Further Angles Angles in parallel lines and polygons Problem solving Plans and elevations	HT6: Unit 10 – Probability (Revisit Year 7 Unit 5) Mutually exclusive outcomes for two events Sample space diagrams Experimental probability Tree diagrams Conditional probability (CST Common good) Unit 11 – Transformations with construction and Loci (Extension of Year 7 Unit 6) All four transformations Fractional and negative enlargement Loci and construction	EOY Assessment Point HT1 - HT6 HT5 Assessment - testing knowledge of skills taught in Units 8 and 9 HT 6 Assessment - testing knowledge of skills taught in Units 1 and 10 Number Algebra Geometry and Measures Ratio and Proportion Handling Data
	MATHS			MATHS			INTERLEAVING WEEK	

With God all things are possible Matthew 19:26



(Revisit Units 1, 2 and		(Revisit Units 1-6 from		AND CAREERS IN	
3 from Gap analysis)		Gap analysis)		MATHS	
				(Revisit Units 1-9 from	
				Gap analysis)	