MTS Year 7 Maths Learning Journey 2023 - 24



KS2

Prime Numbers and Proof	Sets and Probability	Numbe / Sense		netric oning		onstructing d Measuring
 Multiples, factors Factors of algebraic expressions Prime numbers Square numbers Triangular numbers HCF and LCM Product of primes Test conjectures 	 Set notation Venn Diagrams Probability Sample spaces 	 Mental arithm Fractions of amounts Factors Rounding Estimation Fact Families Using a calcula 	and arou Angles ir Angles ir quadrilat Interior a exterior	nd a point triangles cerals and angles	and an Classifi Paralle Names shapes	y angles el and perpendicular lines s and properties of s uct triangles
	Iultiplication and Division	Fractions and Percentages of Amo	Direc			Addition and action of Fraction
 Add and subtract Perimeter Money Tables and timetables Frequency Trees Bar Charts and line 	Factors and multiples Multiply and divide Metric units Order of operations Area Mean Simplify algebraic terms	 Fractions of amounts Percentages of amou Increase and decreas fractions and percen of amounts Use a calculator 	 Recap 4 rules Use a calculator Substitute Represent fractions Mixed numbers and improper fractions 			
Fractions, Decimals and Percentages	Place Value	Equality and Equivalence	Directed Number	Alget Nota		Sequences
 Represent fractions decimals and percentages Convert between fractions and decimals and percentages Interpret pie charts Equivalent fractions Mixed Numbers and Improper fractions 	 Read and write numbers Round numbers Order and compare numbers Median and range Decimals Standard Form 	 Fact families Solve equations Form and solve equations Algebraic expressions Collect like terms 	 Order negative numbers Add and subtract with negative numbers Multiply and divide with negative numbers 	 Function machine Algebre expres Substite 	nes aic sions	 Describe sequences Continue sequences Linear and non linear sequences Sequences with diagrams