MTS Year 8 Maths Learning Journey 2023 - 24



	Measures of Data Location Handling		ta ling	Line Symmetry		Area		Angles in Parallel Lines			
• • •	Mean Median Mode/Modal value Mean from a frequency 1 Outliers Compare distributions	on quency raphs	 Line symmetry Reflection 			 Area of 2D shapes Area of a circle Perimeter Circumference Arc length Sector area Compound shapes 		abel lines, angles and shapes Angles on a line and round a point and in a triangle Angles in Parallel lines Vames and properties of shapes Construct shapes nterior and exterior angles Line and angle bisectors			
	Brackets and Equations	Sequences	Indic	es	Fractions and Percentages		Stan Fo	dard rm		Number Sense • Rounding • Estimating • Error intervals • Order of operations • Metric measure • Time	
• • • •	Form expressions Expand a bracket Factorise Expand two brackets Solve equations with brackets Form and solve Solve inequalities	Generate sequencesFind the nth term	 Add and su with indices Multiply wi indices Divide with Powers of p 	btract s th indices oowers	 Fractions, decimals percentages Fractions of amount Percentages of amo Percentage increase decrease Percentage change Reverse percentage 		 Read a Conve Add/s Multip Use a Negat Fraction 	and write SF ert from SF ubtract SF oly/divide SF calculator ive indices onal indices	• • • •		
	Tables and Probability	Representing Data	g Cart Pla	esian ane	× and · Fraction	÷ ns	Multipli Char	cative Ige	R	atio and Scale	
• • •	Samples spaces Probability from sample spaces Probability from two way tables Probability from Venn diagrams Product rule for total outcomes	 Scatter graphs Correlation Frequency tables Discrete and continuous data Two way tables 	 Co-ore Graph to axe Straig graph Gradie lines Non li graph Midpo line se 	dinates is parallel is ht line s ents of near s pint of a	 Multiply fractory a whole Multiply fractory Divide integra a whole Divide fraction Reciprocals Mixed numbing and improper fractions Algebraic fractory 	etion etions er by ons ers ers	 Direct pr Conversi graphs Currency Direct pr graphs Similar sl Scale fac Scale dia Map scal ratio 	oportion on oportion nape tors grams e and	 R(Si C(Ci ar G 	epresent ratio nare in a ratio mplify ratio ompare ratio rcumference nd diameter radient of a line	