Unit Provision KS3: Maths
Curriculum Learning Journey 2022 – 2023

Term 1	Number: Place Value	- Representations of number: using a variety of resources - Counting forwards and backwards in 1's, 10's 100's 1000's - Number vocabulary: most, least, equal to, less and more etc. - Comparing quantities - Place value, counting, ordering and comparing numbers - Number lines, number sequences - Estimating - Rounding numbers - Word based problems
Term 2	Number: Addition, Subtraction, Multiplication and Division	- Adding numbers using a variety of methods/resources - Subtracting numbers using a variety of methods/resources - Commutative Law – Fact Families. - Mental calculation strategies - Multiplying numbers using a variety of methods/resources - Dividing numbers using a variety of methods/resources including simple sharing. - Word based problems
Term 3	Measure: Money and time	- Money vocabulary: pounds, pence, cost, value, worth, coins, notes, change - Matching coins - Sorting coins - Making amounts - Role play shops - Adding and subtracting amounts - Sharing amounts - Comparing amounts - Giving change - Decimals within money - Word problems and real-life scenarios: shopping
		- Time vocabulary: days, weeks, months, night, day, morning, afternoon, seasons… - Sequencing days, weeks, months, seasons - Sequencing daily activities - Understanding am and pm - Analogue clocks: telling the time - Digital clocks: telling the time - Matching analogue to digital time - Converting between digital and analogue - 24-hour digital time - Time elapsed - Understanding timetables (bus/train) - Word based problems

Term 4	Shape, space and positional direction	- Handling 2d and 3d shapes - Sorting 2d and 3d shapes - Recognising 2d shapes - Shapes in the environment - Common 2d and 3d shapes - Use every day positional language - Properties of 2d and 3d shapes - Use appropriate positional language - Sort 2d and 3d shapes using properties including symmetry and angles - Use compass points - Angles: acute, obtuse and reflex - Word based problems
Term 5	Measure- Capacity, length, weight, temperature	- Reading simple scales, including the number line - Using weighing scales - Using tape measures and trundle wheels - Using rulers and metre sticks - Reading analogue thermometer including negative numbers - Using weighing scales
Term 6	Multiplication, Division and Fractions	- Simple number patterns - Repeated addition - Multiplication vocabulary: times, multiply, groups of - Multiplying numbers using a variety of methods/resources - Division vocabulary: divide, share, equal - Making equal groups - Dividing numbers using a variety of methods/resources - Arrays - Recognising the 'x' symbol - Grouping - Decimals and equivalent fractions - Word based problems - Recognise half as 1 of 2 equal parts - Combine half's and quarters to makes wholes - Write simple fractions - Fractions of shape - Fractions of numbers - Compare and order fractions

Big Ideas:	**Individual Need:**
Using Numbers and the Number System Using Common Shapes, Measure and Space Using Time and Money in real life scenarios Learning skills for 'real life' maths	Students will access varying amounts of the big ideas content dependent on individual need