



Longfield Learning Journey



Key Stage 3 Core	Unit 1 – Year 7 Adding and Subtracting whole Numbers	Term: 1.1		
Key Words:	Prerequisites	R	A	G
Place value, hundreds, tens, units, addition, subtraction, sum, difference, ascending, descending	Use mental methods to add and subtract small numbers			
	Recognise terms hundreds, tens and units			
	Order positive integers			

	Content: Calculations – Unit 1	R	A	G
1.1 Place value and Rounding Integers	Place value of digits			
	Rounding Numbers			
1.2 Addition	Column Method			
	Laws of addition and mental addition			
1.3 Subtraction	Column Method			
	Relationship between addition and subtraction and mental subtraction			
1.4 Multiplication	Grid method and Column Methods			
	Laws of Multiplication and Mental Multiplication			
1.5 Division	Long division and short division methods			
	Relationship between Multiplication and Division, and Mental division			
1.6 squares, cubes, Square roots and Cube roots	Squares and cubes			
	Square roots and Cube roots			
1.7 Order of Operations and using a Calculator	Brackets, Indices, Multiplication, Division, Addition and Subtraction			
1.8 Factors and Multiples	Factors			
	Multiples			

K <i>What you know</i>	W <i>What you want to know</i>	L <i>What have you learned</i>