



Longfield Learning Journey



Key Stage 3 Extend	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	State the place value of digits in whole numbers			
	Order and compare whole numbers			
1.2 Addition	Add whole numbers using different methods			
	Use addition to solve real life problems			
1.3 Subtraction	Subtract whole numbers using different methods			
	Use subtraction to solve real life problems			
	Recognise the universal relationship between addition and 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 Index notation, Square roots and cube roots	Index Notation			
	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>