	St Mary's RC Primary School Written Calculation Policy – Multiplication		
Year	,	How it will look in written form	
УΙ	n/a	n/a	
У2	 calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (x) and equals (=) signs 	M1: Repeated Addition (Groups) 5 x 3 = 5 + 5 + 5 = 15 Tability From 1,1 floor, Add pin 1 floor of 1 To the control of the c	#5 +5 +5 = 15 **France %, 1 Stance** **Counters** - 10 counters altogether**
У3	 write estimate and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods 	M7: Column Multiplication H T U 15 X 5 75 2 2 2 2 2 2 2 2 2 2 2 2 2	M6: Expanded Column 15 x 5 25 (5 x 5) 50 (5 x 10) 75 8 s Mary's BC Privacy School
Уl+	 Estimate and multiply two-digit and three-digit numbers by a one-digit number using a formal written layout including grid method Use mental arithmetic strategies when appropriate, e.g. partitioning, Doubling numbers I-IOO as a strategy multiply whole numbers and those involving decimals by IO and IOO 	M7: Column Multiplication 1 47 x 4 588 1 2	M6: Expanded Column 1 4 7 x 4 28 (4 x 7) 160 (4 x 40) 400 (4 x 100) 588
У5	 multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, (including grid) including long multiplication for two-digit numbers multiply numbers mentally drawing upon known facts Use mental arithmetic strategies when appropriate, e.g. partitioning multiply whole numbers and those involving decimals by IO, IOO and IOOO 	M9a: Long Multiplication Th H T U 243 X 68 1944 (8 x 243) + 14580 (60 x 243) 16524 W St Mary's De Privary Soldel ***Control Multiplication **Control Multiplic	M9c: Column Multiplication T U 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
У6	 multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication perform mental calculations, including with mixed operations and large numbers Use mental arithmetic strategies when appropriate, e.g. partitioning, 	M9f: Long Multiplication Column Doducto 24.3 x 2.5 12.15 (0.5 x 24.3) + 48.60 (2 x 24.3) 60.75 □ 12.15 (0.5 x 24.3)	M9g Long Multiplication 3786 x 48 30288 (8 x 3786) + 151440 (60 x 3786) 181728

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