

PURLEY OAKS PRIMARY SCHOOL

Year 5 - Maths Overview			
Term	Topic	Objectives	Mental Maths Objectives
Autumn	Number: Place Value  Week 1 - 3	1000s, 100s, 10s and 1s Numbers to 10,000 Rounding to the nearest 10 Rounding to the nearest 100 Round to nearest 10, 100 and 1,000 Numbers to 100,000 Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to a million Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s Compare and order numbers to one million Round numbers to one million Negative numbers Roman Numerals to 1,000	Count up/down in thousands  Read Roman numerals to 1000.  Use knowledge of multiples and factors, test for divisibility ( $246 \div 6 = 123 \div 3$ )  Double and halve money by partitioning (Half of £75.40 = Half of £75 (37.50) plus half of 40p)  Know 7x and 9x tables; apply and extend.
	Number: Addition and subtraction  Week 4 - 5	Add two 4-digit numbers - one exchange Add two 4-digit numbers - more than one exchange Add whole numbers with more than 4 digits (column method) Subtract two 4-digit numbers - one exchange Subtract two 4-digit numbers - more than one exchange Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	
	Number: Multiplication and division  Week 6 - 8	Multiples Factors Common factors Prime numbers Square numbers Cube numbers	

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		<p>Multiply by 10          Multiply by 100          Multiply by 10, 100 and 1,000          Divide by 10          Divide by 100          Divide by 10, 100 and 1,000          Multiples of 10, 100 and 1,000</p>	
	<p>Number:          Multiplication and          division          Week 9 -11</p>	<p>Multiply 2-digits by 1-digit          Multiply 3-digits by 1-digit          Multiply 4-digits by 1-digit          Multiply 2-digits (area model)          Multiply 2-digits by 2-digits          Multiply 3-digits by 2-digits          Multiply 4-digits by 2-digits          Divide 2-digits by 1-digit (1)          Divide 2-digits by 1-digit (2)          Divide 3-digits by 1-digit          Divide 4-digits by 1-digit          Divide with remainders</p>	
	<p>Statistics          Week 12 - 13</p>	<p>Interpret charts          Comparison, sum and difference          Introduce line graphs          Read and interpret line graphs          Draw line graphs          Use line graphs to solve problems          Read and interpret tables          Two-way tables          Timetables</p>	