

Mrs Rogers Year 4	<u>AUTUMN TERM</u>	<u>SPRING TERM</u>	<u>SUMMER TERM</u>
NUMBER, PLACE VALUE	<p>...Read, write, order and compare numbers to at least 10,000</p> <p>...Know what each digit represents in numbers up to 10,000</p> <p>...Count forwards and backwards in steps of powers of 10 for any given number up to 10,000</p> <p>...Round any number up to 10,000 to the nearest 10, 100, 1000</p> <p>...Read Roman numerals to 1000 (M) and recognise years in Roman numerals.</p>	<p>...Read, write, order and compare numbers to at least 100,000</p> <p>...Know what each digit represents in numbers up to 1,00,000</p> <p>...Count forwards and backwards in steps of powers of 10 for any given number up to 100,000</p> <p>...Round any number up to 100,000 to the nearest 1000 and 10,000</p> <p>...Use negative numbers in context; count forwards and backwards with positive and negative whole numbers through zero</p>	<p>...Read, write, order and compare numbers to at least 1,000,000</p> <p>...Know what each digit represents in numbers up to 1,000,000</p> <p>...Count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000</p> <p>...Round any number up to 1,000,000 to the nearest 1000, 10,000 and 100,000</p> <p>...Solve number problems and practical problems involving place value</p>
ADDITION, SUBTRACTION	<p>...Subtract 4 digit whole numbers</p> <p>...Add 4 digit whole numbers</p> <p>...Add and subtract mentally with increasingly large numbers</p>	<p>...Subtract 5 digit whole numbers</p> <p>...Add 5 digit whole numbers</p> <p>...Add and subtract mentally with increasingly large numbers</p>	<p>...Subtract 6 digit whole numbers - use rounding to check answers</p> <p>...Add 6 digit whole numbers- use rounding to check answers</p> <p>...Add and subtract mentally with increasingly large numbers</p> <p>...Use addition and subtraction problems to solve multi- step problems</p>
MULTIPLICATION AND DIVISION	<p>...Multiply and divide whole numbers by 10, 100 and 1000</p> <p>...Multiply numbers up to 4 digits by one digit</p> <p>...Divide numbers up to 4 digits by 1 digit</p> <p>...Multiply and divide numbers mentally</p>	<p>...Multiply and divide decimal numbers by 10, 100 and 1000</p> <p>...Multiply numbers up to 4 digits by one digit</p> <p>...Divide numbers up to 4 digits by 1 digit</p> <p>...Multiply and divide numbers mentally</p>	<p>...Multiply and divide decimal and whole numbers by 10,100 and 1000</p> <p>...Multiply numbers up to 4 digits by two digit</p> <p>...Divide numbers up to 4 digits by 1 digit</p> <p>...Multiply and divide numbers mentally</p> <p>...Recognise and use square number and cubed numbers and use notation</p> <p>...Establish whether a number up to 100 is prime and recall prime up to 19</p> <p>...Identify multiples and factors, including finding all factor pairs.</p>

MEASUREMENTS	<p>...Convert between different units of metric measure</p>	<p>...Measure and calculate the perimeter of a composite rectilinear shapes in centimetres and metres ...Estimate volume and capacity ...Use all 4 operations to solve problems involving measure and decimal notation</p>	<p>...Measure and calculate the perimeter of a composite rectilinear shapes in centimetres and metres ...Estimate volume and capacity ...Use all 4 operations to solve problems involving measure and decimal notation</p>
FRACTIONS, DECIMALS AND PERCENTAGES	<p>...Compare and order fractions whose denominators are all multiples of the same number ...Identify and name the equivalent fractions of a given fraction ... + and - fractions with the same denominator ...Read and write decimal numbers as fractions ...Round decimals to 2 decimal places to the nearest whole number</p>	<p>...Recognise and use 1000th and relate them to 10ths and 100ths ...Read, write, order and compare numbers up to 3 decimal places ... + and - fractions with denominators that are multiples of the same number ...Recognise the % Symbol and understand what it means ...Write % as a fraction</p>	<p>...Recognise mixed numbers and improper fraction and convert from one form to another ...Multiply proper fractions and mixed numbers by whole numbers ...Solve problems involving number up to 3 decimal places</p>
GEOMETRY	<p>...Know angles are measured in degrees; estimate and compare acute, obtuse and reflex ...Identify angles at a point and one whole turn ...Use properties of rectangles to deduce related facts and find missing lengths and angles ...Distinguish between regular and irregular polygons</p>	<p>...Identify 3-D shapes, including cubes and other cuboids, from 2-D representations ...Draw given angles, and measure them in degrees</p>	<p>...Identify, describe and represent the position of a shape following a reflection or translation.</p>
STATISTICS	<p>...Solve 'sum' problems using information presented in line graph ...Solve 'comparison' problems using information presented on a line graph.</p>	<p>...Complete, read and interpret information in tables including timetables</p>	<p>...Complete, read and interpret information in tables including timetables</p>