



Maths Medium Term

Year: 5

Term: Autumn

Teacher: Mrs Crowfoot

<u>Week</u>	<u>Topic</u>	<u>Objectives</u>
Week 1	NUMBER & PLACE VALUE	<p>To identify the value of each digit to two decimal places.</p> <p>To read and write whole numbers up to a million, and numbers with two decimal places.</p> <p>To be able to compare and order given numbers, round whole numbers to the nearest 10 and 100, and round decimals with two decimal places to the nearest whole number and to one decimal place.</p> <p>To solve problems involving decimals.</p>
Weeks 2 & 3	ADDITION AND SUBTRACTION / MONEY	<p>To be able to use efficient written to method add 2 and 3 digit whole numbers.</p> <p>To be able to use efficient written method to add 4 digit whole numbers.</p> <p>Use efficient written methods to add decimals.</p> <p>To be able to use efficient written method to subtract 3 & 4 digit numbers.</p> <p>To be able to use efficient written method to subtract 4 & 5 digit numbers.</p> <p>To use efficient methods to subtract decimals.</p> <p>To be able to add and subtract decimals through worded problems in the context of money, deciding which operations and methods to use and why.</p>
Week 4	MULTIPLICATION AND DIVISION FACTORS AND PRIMES	<p>To be able to multiply and divide whole numbers by 10 and 10.</p> <p>To be able to multiply and divide whole numbers and decimals by 10 and 100.</p> <p>To be able to recognise if a number is divisible into another.</p> <p>To be able to find the factors of a given number.</p> <p>To be able to find common multiples of two given numbers.</p> <p>To be able to understand and work out a square number.</p> <p>To be able to explain and identify a prime number.</p>
Week 5	NUMBER AND PLACE VALUE	<p>To read Roman numerals to 100 (I to C).</p> <p>To know that over time, the numeral system changed to include the concept of zero and place value.</p> <p>To be able to read Roman numerals to 1000 (M).</p> <p>To be able to recognise years written in Roman numerals.</p>
Week	STATISTICS TO	<p>To understand how to interpret data from a bar-line graph.</p>

6	SOLVE PROBLEMS	<p>To understand how to interpret line graphs</p> <p>To be able to derive related number facts.</p> <p>Solve one-step and two-step problems involving whole numbers, choosing and using appropriate calculation strategies</p>
Week 7	FRACTIONS	<p>To be able to find equivalent fractions.</p> <p>To be able to write a fraction of a larger number and simplify.</p> <p>To find a fraction of an amount.</p> <p>To find a fraction of a quantity.</p> <p>To be able to write a fraction of a larger number and simplify.</p> <p>To find a fraction of an amount.</p> <p>To solve fraction word problems.</p> <p>To be able to order fractions by finding common denominator.</p>
Week 8	MULTIPLICATION	<p>To be able to estimate answers.</p> <p>To be able to multiply a 3 or 4-digit number by a 1-digit number using a compact method.</p> <p>To be able to multiply a 3-digit number by a 2-digit number using an expanded written method.</p> <p>To be able to multiply up to a 4-digit number by a 2-digit number using an expanded written method.</p> <p>To be able to multiply up to a 4-digit number by a 2-digit number using an expanded written method.</p>
Week 9	SHAPE	<p>To represent a problem by identifying and recording the information needed to solve it.</p> <p>To be able to identify parallel and perpendicular lines.</p> <p>To identify different types of triangles.</p>
Week 10	SHAPE	<p>To be able to recognise and identify angles. To know angles are measured in degrees.</p> <p>To be able to calculate angles on a straight line.</p> <p>To be able to calculate missing angles around a point (in a circle).</p> <p>To be able to calculate missing angles around two intersecting straight lines.</p> <p>To be able to calculate interior angles of a triangle.</p> <p>To be able to use knowledge of triangles to calculate two missing angles in an isosceles triangle.</p>
Week 11	SHAPE	<p>To solve a given puzzle by identifying patterns.</p> <p>To know how to use a protractor.</p> <p>To be able to estimate and measure angles.</p> <p>To be able to draw a given angle.</p> <p>To be able to draw a given angle, including calculating how to draw reflex angles.</p>
Week 12	MEASURES	<p>To be able to convert cm- metres.</p> <p>To be able to convert grams to kg and kg to grams.</p> <p>To be able to convert ml to litres and litres to millilitres.</p> <p>To read measurements on a given scale.</p>

		To be able to read and identify various measurements of units. To solve word problems involving length.
Week 13	STATISTICS TO SOLVE PROBLEMS	To read measurements on a given scale.