

# Maths medium term planning

Autumn Term 1    September 2024    Kestrel Class Year 5

ONGOING: Children will complete mental arithmetic, basic skills, reasoning, problem solving and times tables activities throughout each week in order to deepen and consolidate essential mathematical skills.	
Main Learning Focus Year 5	Fluency (Times Tables Focus)
<p><b>Number and Place Value (14 sessions - 3 weeks)</b></p> <ul style="list-style-type: none"> <li>• Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</li> <li>• Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>• Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</li> <li>• Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 • Solve number problems and practical problems that involve all of the above</li> <li>• Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> </ul> <p><b>Addition and Subtraction (8 sessions - 2 weeks)</b></p> <ul style="list-style-type: none"> <li>• Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>• Add and subtract numbers mentally with increasingly large numbers</li> <li>• Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>• Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</li> </ul> <p><b>Multiplication and Division A (10 sessions - 2 weeks)</b></p> <ul style="list-style-type: none"> <li>• Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>• Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers</li> <li>• Establish whether a number up to 100 is prime and recall prime numbers up to 19 • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> </ul>	<p><b>7 weeks- 3 sessions per week = 21 days</b></p> <p><b>Week 1-</b> Revision of 10, 5 and 2 times tables 9 (3 days) Book A, B and C</p> <p><b>Book D 4 times tables 22 tests-</b> 3 weeks (9 days) 6 new facts 3x4, 4x4, 6x4, 7x4, 8x4, 9x4</p> <p><b>Book E 8 times tables 22 tests – 3 weeks (9 days)</b> 5 new facts 3x8, 6x8, 7x8, 8x8, 9x 8</p>

