Medium Term Planning – Maths

Term 3 2024/2025

Class: Fox (Year 4)

Number Facts: 7x tables, 9 x tables and 11x

Date	Strand	Numbersense	Spine Materials	Learning objectives
Week 1 7/1/25 (4 DAYS)	**Multiplication and Division 7 times tables and patterns**	9 x table	**2.9 The 7 times table and patterns** https://www.ncetm.org.uk/media/3rfbznaa/ncetm_spine2_segment09_y3.pdf **Teaching points 1.1-2.4 Pg 4 – 23**	1. To represent counting in sevens as the 7 times table (do WWU + Star challenge) 2. To explain the relationship between adjacent multiples of seven (do WWU and Start Challenge) 3. To use their knowledge of the 7 times table to solve problems 4. To identify patterns of odd and even numbers in the times tables
Week 2 13/1/25	**Multiplication and Division 7 times tables and patterns** **Understanding and manipulating multiplicative relationships**	7xtable		5. To represent a square number 6. To use knowledge of divisibility rules to solve problems 7. To use knowledge of divisibility rules to solve problems part 2 1. Pupils explain what each factor represents in a multiplication equation (use counters or cubes) 2. To explain how each part of a multiplication and division equation relates to a story (using physical objects)
Week 3 20/1/25	**Understanding and manipulating multiplicative relationships**	7 x table		3. To partition one of the factors in a multiplication equation in different ways using representations (I) (1.5 lesson) 4. To explain where zero can be part of a multiplication or division expression and the impact it has (0.5 lesson) 5. To partition one of the factors in a multiplication equation in different ways using representations (II) 6. To explain which is the most efficient factor to partition to solve a multiplication problem 7. To use knowledge of distributive law to solve two part addition and subtraction problems, efficiently
Week 4 27/1/25	**Understanding and manipulating multiplicative relationships**	7 x table 11 x table		8. To use knowledge of distributive law to calculate products beyond known times tables facts 9. To explain the relationship between multiplying a number by 10 and multiples of 10 10. To explain why a zero can be placed after the final digit of a single-digit number when we multiply it by 10 11. To explain why a zero can be placed after the final digit of a two-digit number when we multiply it by 10 12. To explain why the final digit zero can be removed from a two-digit multiple of 10, when we divide by 10

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Week 5 3/2/25	**Understanding and manipulating multiplicative relationships**	11 x table		13. To explain why the final digit zero can be removed from a three-digit multiple of 10, when we divide by 10 14. To explain the relationship between multiplying a number by 100 and multiples of 100 15. To explain why two zeros can be placed after the final digit of a single-digit number when we multiply it by 100 16. To explain why two zeros can be placed after the final digit of a two digit number when we multiply it by 100 17. To explain why the last two zeros can be removed from a three-digit multiple of 100 when we divide it by 100
Week 6 10/2/25 (4 days)	**Understanding and manipulating multiplicative relationships**	11 x table		18. To explain why the last two zeros can be removed from a four-digit multiple of 100 when we divide it by 100 19. To use knowledge of the composition of 100 to multiply by 100 in different ways 20. Pupils use knowledge of the composition of 100 to divide by 100 in different ways 21. Revision / Recap before the end of term.
Term 4 Week 1 (24/02/25)	**End of multiplicative relationships unit.**			22. To explain how making a factor 10 times the size and 100 times the size affects the product 23. To explain how making the dividend 10 times the size and 100 times the size affects the quotient 24. To scale known multiplication facts by 10 25. To scale division derived from multiplication facts by 100