

St Nicholas' CE (VA) Primary School

2024-2025 Medium Term Planning – Maths

Year 5 – Term 2

Number Facts: Multiplication Facts/ Prime Numbers up to 100 and understand composite numbers.

Date w/c	Strand	Mental Maths (number facts)	Learning Objectives
1 04.11.24	Decimal Fractions Money	Multiplication Facts Prime and composite numbers up to 20 & up to 40	<p>To compare and order numbers with up to 3 decimal places</p> <ul style="list-style-type: none"> • To explain and represent whole pounds as a quantity of money. • To explain and represent whole pounds and pence as a quantity of money. • To explain how to compare amounts of money. • To convert quantities of money between pounds and pence. <ul style="list-style-type: none"> • To use knowledge of addition to efficiently add commonly used prices • To use knowledge of subtraction to calculate the change due when paying whole pounds or notes
2 11.11.24	Decimal Fractions Money Volume	Prime and composite numbers up to 50	<p>.To use and explain the most efficient strategies when adding quantities of money</p> <ul style="list-style-type: none"> •To use and explain the most efficient strategies when subtracting quantities of money •To find the change when purchasing several items •To explain what 'volume' is using a range of contexts •To describe the units used to measure volume
3 18.11.24	Volume	Prime and composite numbers up to 60	<ul style="list-style-type: none"> • To explain how to calculate the volume of a cuboid and to explain what a cube number is • To use their knowledge of calculating volume to solve problems in a range of contexts • To explain how to calculate the volume of compound shapes

	Factors, Multiples and primes		<ul style="list-style-type: none"> To explain the use of the commutative and distributive laws when multiplying three or more numbers To explain the reasons for changing two-factor multiplication calculations to three-factor multiplications
4 25.11.24	Assessments		Arithmetic Paper Reasoning paper 1 Reasoning Paper 2
5 02.12.24	Factors, multiples and primes Negative Numbers	Prime and composite numbers up to 80	<p>To explain what a factor is and how to use arrays and multiplication/division facts to find them.</p> <p>To explain how to identify how to find a common factor or a prime factor of a number.</p> <p>To explain how to identify a multiple or common multiple of a number.</p> <p>To interpret numbers greater than and less than zero in different contexts and to read and write negative numbers.</p> <p>To explain how the value of a number relates to its position from zero and to identify</p>
6 09.12.24	Negative Numbers	Prime and composite numbers up to 100	<p>To identify and place negative numbers on a line.</p> <p>To interpret sets of negative and positive numbers in a range of contexts.</p> <p>To use knowledge of positive & negative numbers to calculate intervals across 0.</p> <p>To explain how negative numbers are used on a coordinate grid and to use knowledge of positive and negative numbers to interpret graphs.</p>
7 16.12.24	Misconceptions from Assessment week. – to be done when necessary.		