St Nicholas' CE Primary School

2024-2025 Medium Term Planning – Maths

Term 3: Year 5

Number facts: Prime Numbers up to 100 and understand composite numbers.

Date w/c	Strand	Mental Maths (Number Facts)	Learning Objectives
1 6/1/25 4 days	Negative Numbers	Prime and composite numbers up to 20	To identify and place negative numbers on a number line To interpret sets of negative and positive numbers in a range of contexts. To use knowledge of positive and negative numbers to calculate intervals across zero. To explain how negative numbers are used on a coordinate grid and to use knowledge of positive and negative numbers to interpret graphs
2 13/1/25	Multiplication and Division	Prime and composite numbers up to 40	To multiply a two-digit number by a single-digit number using expanded multiplication (no regroups) leading to short multiplication To multiply a two-digit number by a single-digit number using expanded multiplication (regrouping ones to tens) leading to short multiplication To multiply a two-digit number by a single-digit number using expanded multiplication (regrouping tens to hundreds) leading to short multiplication To multiply a two-digit number by a single-digit number using both expanded and short multiplication (two regroups) To use estimation to support accurate calculation
3 20/1/25	Multiplication and Division	Prime and composite numbers up to 50	To multiply a three-digit number by a one digit number using partitioning. To multiply a three digit number by a one digit number using expanded multiplication and short multiplication. To multiply a three-digit number by a single-digit number using expanded and short multiplication (with regroups) To use estimation to support accurate calculation

			To divide a two- digit number by a single digit number using partitioning and representations (no remainders, no exchanging.)
4 27/1/25	Multiplication and Division	Prime and composite numbers up to 60	To divide a two-digit number by a single-digit number using partitioning and representations (with exchanging) To divide a two-digit number by a single-digit number using partitioning and representations (with exchanging and remainders) To divide a two-digit number by a single digit number, short division with no exchanging or remainders. To divide a two digit number by a single digit number using short division (with exchanging). To divide a two digit number by a single digit number using short division with exchanges and remainders.
5 3/2/25)	Multiplication and Division	Prime and composite numbers up to 100	To divide a three digit number by a single digit number using partitioning and representations(no exchanging ,no remainders) To divide a three digit number by a single digit number using partitioning and representations (one exchange, no remainders). To divide a three digit number by a single digit number using partitioning and representations(with exchanging and remainders) To divide a three digit number by a single digit number using short division To divide a three digit number by a single digit number using short division(with exchanging and remainders)
6 10/2/25 (4 days – Curriculu m Day)	Multiplication and Divison		To solve short division problems accurately when the hundreds digit is smaller than the divisor. To use efficient strategies of division to solve problems. To multiply a 2 digit by a 2 digit using area model.