

Lamberhurst St Mary's Year 5 Maths Plan

TERMS 1 & 2

NUMBER Place Value (3weeks)

Whole Numbers

Numbers to 100,000
 Comparing numbers within 100,000
 Rounding to nearest 10 and 100
 Estimation
 Negative Numbers
 Roman Numerals

NUMBER Addition & Subtraction (2 weeks)

Addition and Subtraction

Add using the column method
 Subtract using the column method
 Round to estimate and approximate
 Inverse operations (+/-)
 Multi step addition and subtraction problems

STATISTICS (2 weeks)

Tables and Line Graphs

Presenting and interpreting data in tables and line graphs

NUMBER Multiplication and division (3 weeks)

Whole Numbers

Factors
 Multiples
 Prime Numbers
 Square Numbers
 Cube Numbers
 Multiplying and dividing numbers by 10, 100, 1,000

Area and Perimeter

Rectangles and squares
 Composite Shapes
 Word problems

TERMS 3 & 4

NUMBER Multiplication and division (3 weeks)

Whole Numbers

Multiplication by a 1 and 2 digit numbers
Division by 1 digit number
Word Problems

NUMBER Fractions (6 weeks)

Fractions

What is a fraction?
Equivalent fractions
Fractions greater than 1
Mixed numbers
Improper Fractions
Conversion of fractions
Adding and subtracting fractions
Fractions of a set
Word problems
Multiplying unit and non-unit fractions by integer
Multiply mixed numbers by integers
Fractions of amounts
Using fractions as operators

NUMBER Decimals and Percentages (2 weeks)

Decimal

Understanding tenths, hundredths and thousandths
Comparing decimals
Rounding decimals
Fractions as decimals

Decimals

Understanding percentages
Percentages as fractions and decimals
Equivalent F.D.P

TERMS 5 & 6

NUMBER Decimals (3 weeks)

Decimals

Addition and subtraction
Word problems
Multiplication and division
Estimation of decimals
Word problems
Decimal sequences
Multiplying decimals by 10, 100, 1000
Dividing decimals by 10, 100, 1000

GEOMETRY Properties of shape (3 weeks)

Angles

Understanding Angles
Drawing lines and angles accurately to 180 degrees
Turns and right angles
8 point compass
Calculating angles on straight line and around a point
Calculating lengths and angles in shapes
Regular and irregular polygons
Reasoning about 3D shapes

GEOMETRY Position and Direction (2 weeks)

Position and Direction

Describe position and draw on a grid
Position in the first quadrant
Translation with coordinates
Line of symmetry
Reflection with coordinates

MEASUREMENT Converting units (2 weeks)

Measures

Kilograms and kilometres
Millimetres and millilitres
Metric and Imperial units
Converting units of time and timetables
24hr clock

Volume

Comparing Volume and Capacity