

Year 3 Mathematics Milestones KS2

Number and Calculation

- Learn 3, 4 and 8 x tables
- Secure place value to 100
- Mentally add & subtract units, tens or hundreds to numbers of up to 3 digits
- Written column addition and subtraction
- Solve number problems, including multiplication and simple division and missing number problems
- Use commutativity to help calculations

Geometry and Measure

- Measure and calculate with metric measures
- Measure simple perimeter
- Add/subtract using money in context
Use Roman numerals up to X11; tell time
- Calculate using simple time problems
- Draw 2-d/Make 3-d shapes
- Identify and use right angles
- Identify horizontal, vertical, perpendicular and parallel lines

Fractions and decimals

- Use and count in tenths
- Recognise, find and write fractions
- Recognise some equivalent fractions
- Add/subtract fractions up to < 1
- order fractions with common denominator

Data

- Interpret bar charts and

Year 4 Mathematical Milestones KS2

Number and Calculation

- Know all times tables to 12 x 12
- Secure place value up to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 and 1000
- Use roman numerals to 100 (C)
- Column addition and subtraction up to 4 digits
- Multiply and divide mentally
- Use standard short multiplication

Geometry and Measure

- Compare 2-d shapes including quadrilaterals and triangles
- Find area by counting squares
- Calculate rectangle perimeters
- Estimate and calculate measures
- Identify acute, obtuse and right angles
- Identify symmetry
- Use first quadrant coordinates
- Introduce simple translations

Fractions

- Recognise tenths and hundreds
- Identify equivalent fractions
- Add and subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

Data

- Use bar charts, pictograms