Year 6 Maths: End of Year Expectations

Number & Calculation

- Secure understanding of place value and rounding in numbers up to 10,000,000
- Use negative numbers in context
- Use formal written methods for multiplication, division, addition and subtraction
- Identify common factors, common multiples and primes.
- Solve multi-step number problems

Geometry & Measures

- Classify shapes by their properties
- Find unknown angles within 2D shapes
- Illustrate and name the parts of a circle
- Translate and reflect shapes, using all four quadrants
- Confidently use a range of measures and conversions, using decimal notation to three decimal places
- Use formulae for area and volume of shapes

Statistics

- Interpret and construct pie charts and line graphs
- Calculate and interpret the mean as an average

Fractions & Decimals

- Compare and order fractions, including mixed numbers
- Add and subtract fractions with different denominators
- Multiply simple fractions
- Divide fractions by whole numbers
- Calculate decimal fraction equivalents
- Multiply whole numbers by numbers with two decimal places
- Solve problems using percentages

Ratio and Proportion

- Solve problems using ratio and proportion
- Find the scale factor of similar shapes

Algebra

- Use simple formulae
- Solve simple equations

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