



Year 5 Achievement Standards MATHEMATICS

BY THE END OF YEAR 5 I SHOULD BE ABLE TO...

NUMBER AND ALGEBRA

- Identify and describe factors and multiples of whole numbers and use them to solve problems.
- Solves simple problems involving the four operations, using a range of strategies (mental and written). Checks reasonableness of answers by estimating and rounding.
- Solve problems involving division by a one-digit number, including those that result in a remainder (mental and written).
- Solve problems involving multiplication of large numbers by one- or two-digit numbers (mental and written).
- Compare and order decimals and unit fractions and locate them on a number line.
- Adds and subtracts fractions with the same denominator.
- Recognise that the place value system can be extended beyond hundredths
- Compare, order and represent decimals
- Create simple financial plans eg budgets
- Uses addition and subtraction of fractions and decimals to find results and continue simple patterns.
- Explain strategies used to find unknown quantities in number sentences involving the four operations and identify equivalent number sentences involving multiplication and division

MEASUREMENT AND GEOMETRY

- Use appropriate units of measurement for length, area, volume, capacity and mass.
- Calculate perimeter and area of rectangles.
- Compare 12- and 24-hour time systems and convert between them.
- Connect three-dimensional objects with their nets and other two-dimensional representations.
- Uses a grid reference system to locate landmarks on a map.
- Describe routes using landmarks and directional language
- Describe translations, reflections and rotations of two-dimensional shapes.
- Identify line and rotational symmetries.
- Estimate, measure and compare angles using degrees. Construct angles using a protractor

STATISTICS AND PROBABILITY

- Lists the outcomes of chance experiments with equally likely outcomes, and states probabilities between 0 and 1.
- Pose questions and collect categorical or numerical data by observation or survey.
- Construct displays, including column graphs, dot plots and tables, appropriate for data type.
- Describe and interpret different data sets in context

SERVICE

RESPECT

KINDNESS

LEARNING