



Stilton Church of England Primary Academy

Year 6

Number and Place Value

- Rounds any whole number to a required degree of accuracy
- Uses negative numbers in context and calculates intervals across zero.

Geometry—properties of shapes

- Find missing angles using reasoning, in any triangles, quadrilaterals and regular polygons.
- Compares and classifies geometric shapes based on their properties.

Addition, subtraction, multiplication and division

- Multiplies multi-digit numbers up to four digits by a two digit whole number using the formal written method of long multiplication.
- Divides numbers up to four digits by a two digit whole number using the formal written method of short division where appropriate, interpreting remainders according to the context.
- Solves addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Use estimation to check answers to calculations and determines, in the context of a problem, an ap-

Geometry—position and direction

- Draws and translates simple shapes on the co-ordinate plane and reflects them in the axis.
- Interprets pie charts and line graphs

Measure

- Uses, reads, writes and converts between standard units, converting measurements of length, mass, volume and time from a smaller unit or measure to a larger unit of measure, and vice versa, using decimal notation up to three decimal places.

Algebra

- Substitute values into a formula to solve problems

Statistics

- Calculates and interprets the mean as an average.
- Interpret and construct pie charts and line graphs and use these to solve problems

Fractions

- Identify the value of each digit to three decimal places
- Recall, use equivalences between simple fractions, decimals and percentages and recognise the relationship between them, including in different contexts.
- Calculate using fractions, decimals and percentages
- Solve problems which require answers to be rounded to specified degrees of accuracy.