



Age Related Expectations

Year 4 - Maths

Key performance indicator (KPIs)	Performance standard
<p>Number and place value</p> <ul style="list-style-type: none"> □ Counts in multiples of six, seven, nine, 25 and 1,000 □ Counts backwards through zero to include negative numbers □ Orders and compares numbers beyond 1,000 □ Rounds any number to the nearest 10, 100 or 1,000 <p>Addition and subtraction</p> <ul style="list-style-type: none"> □ Solves addition and subtraction two-step problems in context, deciding which operations and methods to use and why <p>Multiplication and division</p> <ul style="list-style-type: none"> □ Recalls multiplication and division facts for multiplication tables up to 12 x 12 <p>Fractions (including decimals)</p> <ul style="list-style-type: none"> □ Recognises and shows, using diagrams, families of common equivalent fractions; □ Counts up and down in hundredths; recognises that hundredths arise when dividing an object by 100 and dividing tenths by 10; □ Rounds decimals with one decimal place to the nearest whole number; □ Solves simple measure and money problems involving fractions and decimals to two decimal places. <p>Measurement</p> <ul style="list-style-type: none"> □ Converts between different units of measure e.g. kilometre to metre; hour to minute 	<p><i>With reference to the KPIs</i></p> <p>By the end of Y4, a child should be fluent with whole numbers and the four operations, including number facts and the concept of place value.</p> <p>A child will be developing efficient written and mental methods and performing calculations accurately with increasingly large whole numbers.</p> <p>A child can:</p> <ul style="list-style-type: none"> □ solve a range of problems including those with simple fractions and decimal place value; □ draw shapes with accuracy using mathematical reasoning and analyse shapes and their properties, confidently describing the relationships between them; □ use measuring instruments accurately, making connections between measure and number; □ recall the multiplication tables up to and including the 12 multiplication table and show precision and fluency in the work; □ read and spell mathematical vocabulary correctly and confidently using a growing word reading knowledge and a knowledge of spelling.

Geometry: properties of shape

- ▢ Compares and classifies geometric shapes, including quadrilaterals and triangles, based on their properties and sizes;
- ▢ Identifies lines of symmetry in two dimensional shapes presented in different orientations.

Geometry: position and direction

- ▢ Plots specified points and draws sides to complete a given polygon.

Statistics

- ▢ Solves comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.