

Mathematics Key Assessment Objectives Year Four

Trinity Primary





Key Assessment Objectives Year Four

Year 4 Number				
	4.1	4.2	4.3	4.4 + application
Place Value	<p>I can recognise the place value of each digit in a three-digit number</p> <p>I can compare and order numbers up to 1000 and use <, > and = signs</p>	<p>I can make the largest or smallest three-digit number with a given set of number cards</p> <p>I can compare and order numbers over 1000 and use <, > and = signs</p>	<p>I can recognise the place value of each digit in a four-digit number</p> <p>I can compare and order 3 or more numbers beyond 1000 and use <, > and = signs</p> <p>I can round any number to the nearest 10, 100 or 1000</p>	<p>I can make the largest or smallest four-digit number with a given set of number cards</p> <p>I can compare numbers with the same number of decimal places up to two decimal places</p> <p>I can round any number up to 10,000 to the nearest 10, 100 and 1000</p>
Written +/-	I can use column addition and subtraction for numbers up to 4 digits involving carrying	I can use column addition and subtraction for numbers up to 4 digits involving borrowing	I can use column addition and subtraction for numbers with more than 4 digits involving carrying and borrowing	I can use column addition and subtraction for numbers with more than 4 digits involving double carrying and borrowing (e.g. 11200 – 946 and 11689 + 278)
Problems +/-	I can solve 2-step problems involving more complex addition and subtraction	I can solve missing number problems e.g. $34 + \square = 87$	I can solve two-step problems involving borrowing and carrying	I can solve two-step problems involving double borrowing and carrying
Mental (x/÷)	I have completed Bronze level times tables	I have completed Silver level times tables	My times are improving in Gold level times tables	I have completed Gold level times tables
Written (x/÷)	<p>I can use formal written multiplication for TU x U</p> <p>I can use bus shelter division for $TU \div U$ without remainders</p>	<p>I can use formal written multiplication for HTU x U</p> <p>I can use bus shelter division for $TU \div U$ with remainders</p>	<p>I can use formal written multiplication for TU x U and HTU x U when Us are below 6</p> <p>I can use bus shelter division for $HTU \div U$ with remainders</p>	<p>I can use formal written multiplication for TU x U and HTU x U when Us are between 6 – 9</p> <p>I can use bus shelter division for $HTU \div U$ with remainders when the divisor does not fit into the first digit e.g. $125 \div 3$</p>



Key Assessment Objectives Year Four

	4.1	4.2	4.3	4.4 + application
Comparing Fractions	<p>I can compare and order unit fractions (i.e. $\frac{1}{4}$, $\frac{1}{6}$, $\frac{1}{8}$) and fractions with the same denominators</p> <p>I can recognise and show, using diagrams, equivalent fractions with small denominators</p>	<p>I can compare and order common non unit fractions (i.e. $\frac{2}{4}$, $\frac{3}{4}$, $\frac{2}{3}$, $\frac{1}{2}$) with pictures</p> <p>I can recognise fractions equivalent to $\frac{1}{2}$ without diagrams</p>	<p>I can compare and order common non unit fractions (i.e. $\frac{2}{4}$, $\frac{3}{4}$, $\frac{2}{3}$, $\frac{1}{2}$) without pictures</p> <p>I can recognise and show, using diagrams, families of common equivalent fractions i.e. $\frac{1}{4} = \frac{2}{8} = \frac{4}{16}$</p>	<p>I can recognise and show families of common equivalent fractions by multiplying denominators and numerators by the same number</p>
Fractional Quantities	<p>I can find fractions of quantities or objects with small denominators i.e. $\frac{2}{3}$ of 12</p>		<p>I can find fractions of quantities or objects with larger denominators i.e. $\frac{3}{7}$ of 21</p>	
Decimals as Fractional Amounts			<p>I can recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$</p> <p>I can multiply and divide a number by 10 and 100 when answers are decimals</p>	<p>I can recognise and write decimal equivalents to $\frac{1}{3}$ and $\frac{2}{3}$</p> <p>I can multiply and divide a decimal number by 10 and 100</p>



Key Assessment Objectives Year Four

Year 4 Geometry, Measuring and Statistics

Year 4 Geometry, Measuring and Statistics				
	4.1	4.2	4.3	4.4 + application
Perimeter & Area	I can <u>measure</u> the perimeter of simple 2-D shapes e.g. squares and rectangles	I can <u>measure</u> the perimeter of more complex 2-D shapes e.g. triangles	I can find the perimeter and area of squares and rectangles by counting squares	I can find the perimeter and area of rectilinear shapes (shapes with only right angles)
Money			I can complete two-step word problems involving change	I can complete multi-step word problems involving change
Time	I can tell the time to the nearest minute	I can tell the time to the nearest minute and draw the hands on the clock face	I can read, write and convert time between analogue and digital 12- and 24- hour clocks	
2D Shapes	I can draw common 2-D shapes including squares, rectangles and triangles		I can classify quadrilaterals and triangles, stating whether they are regular or irregular	I can classify all common polygons stating whether they are regular or irregular
Angles	I can identify right angles	I can state how many right angles are in a given 2-D shape	I can identify acute and obtuse angles	
Interpreting Data	I can interpret and make simple bar charts with intervals of 20, 25 and 50	I can interpret and make simple bar charts with when data falls between simple intervals	I can interpret and make bar charts with intervals of 0.5s	I can interpret and make bar charts with intervals of 0.25s
Extracting Info From Data	I can solve one-step and two-step questions for example, How many more? How many fewer? using information presented in bar charts, pictograms and tables with simple scales		I can solve one-step and two-step questions for example, How many more? How many fewer? using information presented in bar charts, pictograms, tables and line graphs with simple scales	I can solve one-step and two-step questions for example, How many more? How many fewer? using information presented in bar charts, pictograms, tables and line graphs with scales of 0.5 and 0.25



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