The King's CHURCH OF ENGLAND SCHOOL KIDSGROVE

Mini-Assessment Overview: Mathematics

CONNECTED

Half term points

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	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	N2.1 Whole numbers N1.1 Adding and subtracting whole numbers N7.1 Multiples N3.1 Rounding to the nearest 10 or 100 GM1.1 Length GM1.2 Mass GM1.3 Time GM1.4 Volume	N1.3 Adding and subtracting decimals SP2.1 Using tables and charts GM2.1 Common shapes GM2.2 Line symmetry GM4.1 Angles in degrees	N2.4 Negative numbers SP1.3 Using frequency tables SP2.3 Vertical line charts	N4.1 Understanding fractions A2.1 What is a sequence?	N5.1 Understanding and using percentages SP4.1 Introduction to probability GM2.5 Angles in triangles and quadrilaterals	N1.4 Dividing whole numbers A3.1 Real life graphs GM3.1 Understanding area
	Hot assessments per topic – 10 questions LBQ SATs paper	**Hot assessments per topic – 10 questions**	**Hot assessments per topic – 10 questions**	**Hot assessments per topic – 10 questions LBQ SATs paper**	**Hot assessments per topic – 10 questions**	**Hot assessments per topic – 10 questions**
	Key skills and knowledge assessed: • Solve problems using multiples including addition and subtraction • Round numbers to a given place value • Convert between metric units • Know what an integer is • Know the first 12 triangular numbers • Know the first 15 square numbers and corresponding roots • Know how to round to place value • Know how to convert different types of measurement units	**Key skills and knowledge assessed:** • Understand and use place value to add/subtract using mental and written methods with decimal • Complete a partially completed pictogram • Create and use bar charts Construct bar charts AND vertical line charts for a given setup • Identify types of angles • Identify a line or lines of symmetry • Know a method of ordering decimal numbers • Know how to use place value to add, subtract decimals • Know how to use a pencil and ruler to create charts • Know how to interpret a pictogram and what partial pictures represent • Know how to identify lines of symmetry • Know the names and basic properties of special triangles and quadrilaterals	**Key skills and knowledge assessed:** • Count with negative numbers • Apply the four operations with negative numbers • Use a calculator to conduct calculations with negatives • Know how to enter negative numbers into a calculator • Know that a vertical line chart can be suitable in replacement of bar charts • Know how to identify Mode and median and range from a frequency table • Know how to complete a frequency table (including total) • Know how to calculate the range • Know how to calculate the median • Know how to identify the mode(s) • Know that the mean = sum of data ÷ number of pieces of data	**Key skills and knowledge assessed:** • Continue a sequence • Generate sequences by term-to-term rule given an initial number • Identify Equivalent fractions • Simplify fractions • Know how generate term to term sequences • Know how to continue a sequence and write the term-to-term rule for any recognisable sequence • Know how to find equivalents for fractions	**Key skills and knowledge assessed:** • Understand what percentage means and basic values • Percentage of an amount non calculator 50% of an amount • Find probabilities • List outcomes single event • Identify missing angles on a straight line, at a point, triangle, quadrilateral, and those that make up a right angle • Angles in a triangle finding angles • Know how to convert percentages to other forms only • Know the different types of triangles (and angles) • Know how to use a calculator for percentages (/100 method or decimal multiplier) • Know probability for standard setup	**Key skills and knowledge assessed:** • Understand and use place value to divide in written methods including remainders • To use a graph for converting e.g., money off scale and Speed distance time • Calculate the area of simple shapes rectangle, triangle, etc. • Know a factor is a number that goes into a number • Know how to use a graph when converting off scale • To use a graph for converting e.g., money on scale • Know a formula for the area of a rectangle / triangle