CONNECTED

Half term points

HF

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	N1.2 Multiplying whole numbers N2.2 Writing and ordering decimals N2.3 Multiplying and dividing by powers of 10 N7.2 Factors, primes and powers N3.2 Rounding larger numbers GM 1.5 Interpreting Scales GM 1.6 The metric System GM 5.2 Coordinates GM 5.3 Translation	N1.3 Adding and subtracting decimals N 3.3 Rounding SP1.3 Using frequency tables SP2.4 Pie charts GM2.2 Line symmetry GM5.4 Reflection	N2.4 Negative numbers SP1.3 Using frequency tables SP2.3 Vertical line charts A1.1 Making and using word formulae A1.2 Using letters	N4.2 Finding equivalent fractions GM2.3 Angle facts (Algebraic part can be postponed until after A1.3 for less confident learners) A2.2 Generating sequences	N5.1 Understanding and using percentages N5.2 Calculating percentages of quantities 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 assessment per topic – 10 questions LBQ SATS paper	Hot assessment per topic – 10 questions	Hot assessment per topic – 10 questions	Hot assessment per topic – 10 questions	Hot assessment per topic – 10 questions	Hot assessment per topic – 10 questions
7	Key skills and knowledge assessed: • Order decimals • Squares and square roots • Understand and use place value • Finding LCM and HCF • Multiply and divide by powers of 10 • Know how to apply aspects of coordinates • Know how to translate shapes • Know how to describe a transformation • Know the first 15 square numbers	Key skills and knowledge assessed: • Interpret and construct pie charts • Problem solve using lines of symmetry • Checking answers using estimating • Know money has 2 decimal places • Know how to round to decimal places • Know how to use place value with the 4 operations and decimals • Know how to reflect shapes	Key skills and knowledge assessed: • Substitute numbers into formulae • Find averages from a frequency table • Apply the four operations to negative numbers • Simplify expressions, collecting like terms • Use a function machine • Know how to identify the mode , median and range from a frequency table	Key skills and knowledge assessed: • Simplify fractions and identify equivalent fractions. • Check calculations using approximation, estimation or inverse operations • Find the missing angle in missing angle problems at a right angle, on a line, in a triangle or at a point • know equivalent fractions with a denominator of 3, 5, 8 and 10 • Know the angle facts for straight lines • Know the angle facts (point) • Know the angle facts for a right angle • Know the angle facts for a triangle • Know how to reverse operations and approximation to check answers	Key skills and knowledge assessed: • Solve problems using symmetry/angle • Properties of triangles and quadrilaterals • Solve missing number problems involving addition and subtraction • Convert fractions decimals and percentages to aid calculations with percentages and fractions • Know how to identify and use properties of triangles and quadrilaterals • Know the convention for denoting equal angles and sides in shapes • Know probability is out of one • Know simple percentage, decimal and fraction conversions, halves, tenths quarters	Key skills and knowledge assessed: • Calculate the area of shapes e.g. trapezium, rectangle, triangle, parallelogram • Calculate the area of compound shapes • Calculate the perimeter of shapes • Know the formula for the area of a rectangle • Know the formula for the area of a triangle • Know the formula for the area of a parallelogram • Know the formula for the area of a kite • Know the formula for the area of a trapezium • Know how to find the perimeter of different shapes