Key Assessment Criteria

A Year Five Mathematician

- ✓ I can count forwards and backwards in steps of powers of 10 fro any given number up to 1,000,000
- ✓ I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- ✓ I recognise mixed numbers and improper fractions and can convert from one to the other
- ✓ I can read and write decimals as fractions
- ✓ I recognise the % symbol and understand percent relates to a number of parts per hundred
- ✓ I can write percentages as a fraction with denominator hundred and as a decimal fraction
- ✓ I can compare and add fractions whose denominators are all multiples of the same number
- ✓ I can multiply and divide numbers mentally drawing on known facts up to 12 x 12
- ✓ I can round decimals with 2dp to the nearest whole number and to 1dp
- ✓ I can recognise and use square numbers and cube numbers; and can use the notation 2 and 3
- ✓ I can multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- ✓ I can multiply numbers up to 4-digit by a 1 or 2-digit number using formal written methods, including long multiplication for a 2-digit number
- ✓ I can divide numbers up to 4-digits by a 1- digit number
- ✓ I can solve problems involving multiplication and division where large numbers are used by decomposing them into factors
- ✓ I can solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and why
- ✓ I can solve problems involving numbers up to 3dp

- ✓ I know that angles are measured in degrees
- ✓ I can estimate and compare acute, obtuse and reflex angles
- ✓ I can draw given angles and measure them in degrees
- ✓ I can convert between different units of metric measures and estimate volume and capacity
- ✓ I can measure and calculate the perimeter of composite rectilinear shapes in cm and m
- ✓ I can calculate and compare the areas of squares and rectangles including using standard units (cm2 and m2)
- ✓ I can solve comparison, sum and difference problems using information presented in a line graph