# Year 5: Maths Assessment Criteria

## Child's Name:

| *Tick each objective only if pupil is 'secure'.* | | | | |
|---|---|---|---|---|
| Key Performance Indicators | Assessment Point | | | |
| | Baseline (July) | 1 | 2 | 3 |
| Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit | | | | |
| Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero | | | | |
| Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 | | | | |
| Solve number problems and practical problems that involve all of the above | | | | |
| Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) | | | | |
| Add and subtract numbers mentally with increasingly large numbers | | | | |
| Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why | | | | |
| Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers | | | | |
| Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers | | | | |
| Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context | | | | |
| Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes | | | | |
| Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates | | | | |
| Compare and order fractions whose denominators are all multiples of the same number | | | | |
| Read and write decimal numbers as fractions [for example, 0.71 = 71/100 ] | | | | |
| Read, write, order and compare numbers with up to three decimal places | | | | |
| Solve problems involving number up to three decimal places | | | | |
| Solve problems which require knowing percentage and decimal equivalents of ½, ¼, 1/5, 2/5 and 4/5 and those fractions with a denominator of a multiple of 10 or 25. | | | | |
| Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) | | | | |
| Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres | | | | |

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## Child's Name:

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|---|---|---|---|---|
| Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) | | | | |
| Draw given angles, and measure them in degrees | | | | |
| Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. | | | | |
| Complete, read and interpret information in tables, including timetables | | | | |
| **Judgement made at each assessment point (e.g. EXSE, EXSD etc.)** | | | | |