**Year 5 Maths Targets**

*A Year 5 Mathematician can….*

## *Number*

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| I can count forwards and backwards in steps of powers of 10 for any number up to 1, 000, 000 |
| I can read, write order and compare numbers to at least 1 000 000 and determine the value of each digit |
| I can read Roman Numerals to 1000 and recognise years written in Roman Numerals |
| I can recognise and use thousandths, and relate them to tenths, hundredths and decimal equivalents |
| I can recognise mixed numbers and improper fractions and can convert one from another |
| I can read and write decimal numbers as fractions |
| I can recognise the % symbol and understand that per cent relates to a number of parts per hundred |
| I can write percentages as a 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 2 decimal points to the nearest whole number and to 1 decimal point |
| I can recognise and use square numbers and cube numbers |
| I can recognise and write decimal equivalents of any number of tenths or hundredths |
| I can multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 |
| I can multiply a 4-digit number by a 1 or 2-digit number using formal written methods |
| I can divide a 4-digit number 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 add and subtract whole numbers with more than 4 digits, including using formal written methods |
| I can solve addition and subtraction multi-step problems |
| I can solve problems involving numbers up to 3 decimal places |

## *Measurement and Geometry*

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| I know that angles are measured in degrees |
| I can plot specified points and draw sides to complete a given polygon |
| 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 using standard units |
| I can solve comparison, sum and difference problems using information presented in a line graph |