

**YEAR 4 MATHS TARGETS – ('Tick IN THE BOX' when achieved consistently in School P = PUPILS, T = TEACHERS)**

NAME \_\_\_\_\_

CLASS \_\_\_\_\_

**Number & Place Value**

I can count in multiples of 6, 7, 9, 25 and 1000.

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I can find 1000 more or less than a given number.

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I can count backwards through 0 to include negative numbers.

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I can recognise the place value of each digit of a 4 digit number (thousands, hundreds, tens and units).

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I can order and compare numbers beyond 1000.

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I can identify, represent and estimate numbers using different representations including measures.

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I can round numbers to the nearest 10, 100 or 1000.

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I can solve number and practical problems that involve large positive numbers.

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I can read Roman numerals up to 100 and know that the number system has changed to include 0 and place value.

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**Addition & Subtraction**

I can add and subtract numbers with up to four digits using formal column methods.

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I can use estimating and inverse operations to check my answers.

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I can solve two step addition and subtraction problems, using different methods, and explain why I used them.

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**Multiplication & Division**

I can recall times tables facts up to 12 x 12.

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I can use place value and number facts to multiply and divide mentally, including multiplying by 1 and 0, dividing by 1, and multiplying together 3 numbers.

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I can use factor pairs in mental calculations.

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I can multiply two digit and three digit numbers by a one digit number using a formal written method.

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I can solve problems involving multiplication and addition, including using the distributive law e.g.  $3 \times (12 + 14) = 3 \times 12 + 3 \times 14$ .

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**Fractions**

I can recognise and show, using diagrams, families of common equivalent fractions.

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I can count up and down in hundredths and know that dividing an object by 100 creates hundredths as does dividing tenths by ten.

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I can solve problems involving fractions to calculate quantities and fractions to divide quantities.

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I can add and subtract fractions with the same denominator.

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I can find and write decimal equivalents using tenths and hundredths.

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I can find and write decimal equivalents of  $1/4$ ,  $1/2$  and  $3/4$ .

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I can divide one and two digit numbers by 10 and 100 and can explain the effect this has on place value.

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I can round decimals using tenths to the nearest whole number.

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I can compare numbers with the same number of decimal places (up to two decimal places).

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I can solve simple money and measure problems involving fractions and decimals up to two decimal places.

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### Properties of Shape

I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.

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I can identify acute and obtuse angles. I can compare and order angles up to two right angles by size.

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I can identify lines of symmetry in 2-D shapes presented in different orientations.

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I can complete a simple symmetric figure with respect to a specific line of symmetry.

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I can recognise where angles are greater than two right angles. I know the term straight angle refers to two right angles together.

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I can use line symmetry with two lines of symmetry.

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### Position & Direction

I can plot positions on a 2-D grid as positive number coordinates.

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I can describe movements between positions as translations of a given unit to the left/right and up/down.

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I can plot points I am given and draw sides to complete a given polygon.

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### Measurement

I can convert different units of measurement e.g. I can convert kilometres into metres or hours into minutes.

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I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

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I can find the area of rectilinear shapes by counting squares.

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I can estimate, compare and calculate different measures, including money in pounds and pence.

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I can read, write and compare time between analogue and digital 12-hour and 24-hour clocks.

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I can solve problems where I need to convert units of time, such as hours to minutes, minutes to seconds, years to months or weeks to days.

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### Statistics

I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

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I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

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### MY STEPS

