Year 4 Mathematics **Progress and Target Record Sheet** **Name: _____**

	2	3	Year 4
Number and Place Value	☐☐☐☐☐☐ [a] I can count (forwards and backwards) in steps of 2, 3, and 5 from 0, and in tens from any number ☐☐☐☐☐☐ [c] I can compare and order numbers from 0 up to 100; I can use <, > and = signs	☐☐☐☐☐☐ [a] I can count from 0 in multiples of 4, 8, 50 and 100; ☐☐☐☐☐☐ [b] I can say 10 or 100 more or less than a number I am given ☐☐☐☐☐☐ [c] I can compare and order numbers up to 1000	☐☐☐☐☐☐ [a] I can count in multiples of 6, 7, 9, 25 and 1000 ☐☐☐☐☐☐ [b] I can count backwards through zero (to include negative numbers) ☐☐☐☐☐☐ [c] I can order and compare numbers beyond 1000 ☐☐☐☐☐☐ [d] I can round any number to the nearest 10, 100 or 1000
Addition and Subtraction	☐☐☐☐☐☐ [e] I can do addition (add) and subtraction (take away) sums including: TU+U, TU+T, TU+TU and U+U+U; TU-U, TU-T and TU-TU ☐☐☐☐☐☐ [f] I know that addition and subtraction are inverse operations; I can use the inverse operation to solve missing number problems.	☐☐☐☐☐☐ [e] I can add and subtract numbers with up to three digits, using written column addition and subtraction ☐☐☐☐☐☐ [f] I can find answers to problems (including missing number problems) using number facts, place value, and written sums	☐☐☐☐☐☐ [e] I can add and subtract numbers with up to 4 digits using written column addition and subtraction where appropriate ☐☐☐☐☐☐ [f] I can solve addition and subtraction two-step problems in different contexts, deciding which operations and methods to use and why
Multiplication and division	☐☐☐☐☐☐ [g] I know the 2, 5 and 10 times tables; I can use these multiplication and division facts to help me answer sums and to recognise odd and even numbers ☐☐☐☐☐☐ [h] I can find answers to simple times (multiplication) and share by (division) sums; I can write down sums using the multiplication (×), division (÷) and equals (=) signs	☐☐☐☐☐☐ [g] I know my 3, 4 and 8 multiplication tables and I can use these multiplication and division facts to help me do calculations ☐☐☐☐☐☐ [h] I am beginning to use written methods for multiplication and division sums	☐☐☐☐☐☐ [g] I know my multiplication tables up to 12 × 12 ☐☐☐☐☐☐ [H] I can multiply two-digit and three-digit numbers by a one-digit number using formal written method
Fractions and decimals	☐☐☐☐☐☐ [i] I can recognise, find, name and write fractions 1/3, 1/4 , 2/4 and 3/4 of a length, a shape, a set of objects or a quantity	☐☐☐☐☐☐ [i] I can pick out and show, using diagrams, some equivalent fractions ☐☐☐☐☐☐ [j1] I can count up and down in tenths; ☐☐☐☐☐☐ [j2] I know that tenths come from dividing something into 10 equal parts and by dividing numbers by 10 ☐☐☐☐☐☐ [l] I can find answers to problems using all my fractions knowledge	☐☐☐☐☐☐ [i] I can identify and show, using diagrams, families of common equivalent fractions ☐☐☐☐☐☐ [j1] I can count up and down in hundredths ☐☐☐☐☐☐ [j2] I know that that hundredths come from dividing something by one hundred and dividing by tenths by ten ☐☐☐☐☐☐ [k] I can round decimals with one decimal place to the nearest whole number ☐☐☐☐☐☐ [l] I can find answers to simple measurement and money problems involving fractions and decimals (up to two decimal places)
Measures	☐☐☐☐☐☐ [m] I can measure (to the nearest unit) lengths and heights (in metres and centimetres); mass (in kilograms and grams); temperature (in °C); capacity (in litres or millilitres)	☐☐☐☐☐☐ [m] I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volumes/capacities (l/ml)	☐☐☐☐☐☐ [m] I can convert between different units of measurement (e.g. km to m, hour to minute)
Time	☐☐☐☐☐☐ [N] I can tell the time to five minutes, including quarter past/quarter to the hour; I can write the time and draw the hands on a clock face to show times ☐☐☐☐☐☐ [O] I know the number of minutes in an hour and the number of hours in a day	☐☐☐☐☐☐ [N] I can estimate and read time to the nearest minute; I can record and compare time in terms of seconds, minutes and hours; I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight ☐☐☐☐☐☐ [O] I know the number of seconds in a minute and the number of days in each month, year and leap year	☐☐☐☐☐☐ [N] I can read, write and convert time between analogue and digital 12- and 24-hour clocks ☐☐☐☐☐☐ [O] I can find answers to problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
Geometry: properties of Shape	☐☐☐☐☐☐ [p] I can name and describe the properties of 2-D shapes, including the number of sides (edges) and line symmetry	☐☐☐☐☐☐ [p1] I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines ☐☐☐☐☐☐ [p2] I can draw simple 2-D shapes	☐☐☐☐☐☐ [p] I can compare and group (classify) shapes (including quadrilaterals and triangles) based on properties and sizes ☐☐☐☐☐☐ [q] I can find lines of symmetry in 2-D shapes even when they are presented in different orientations
Geometry: Position and Direction			☐☐☐☐☐☐ [R] I can describe positions on a 2-D grid (in the first quadrant) using coordinates ☐☐☐☐☐☐ [s] I can plot specified points on a grid and draw sides to complete a given polygon
Statistics	☐☐☐☐☐☐ [T] I can read and draw simple pictograms, tally charts, block diagrams and simple tables ☐☐☐☐☐☐ [u] I can ask and answer simple questions by counting the number of objects in each group (category) and sorting the categories by size	☐☐☐☐☐☐ [T] I can read and present data using bar charts, pictograms and tables ☐☐☐☐☐☐ [u] I can find answers to one-step and two-step questions (for example, 'How many more?' and 'How many fewer?') using information presented in bar charts, pictograms and tables	☐☐☐☐☐☐ [T] I can read and present data (discrete and continuous) using appropriate graphs, (including bar charts and time graphs) ☐☐☐☐☐☐ [u] I can use information presented in bar charts, pictograms, tables and other graphs to answer questions where I need to add, subtract or compare

Maths I have used in different topics, projects and subjects:

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My maths diary: what I particularly enjoyed; what helped me learn; important targets for me

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Name _____

Class _____ **School Year** _____

Year 4 Mathematics Progress and Targets Booklet