Year 3 Maths Target Map

Number & Place Value

- I can count in 4s, 8s, 50s and 100s.
- I can find 10 or 100 more or less than a given number.
- I know what each digit means in Hundred Tens and Unit numbers such as 438.
- I can compare and order numbers up to 1000.
- I can identify and estimate numbers in different units such as length (mm and m) and weight (g and kg).
- I read and write numbers up to 1000 in digits and in words.
- I can solve number problems, working with numbers up to 1000 and in different units of measurement.

Operations

- I can add and subtract numbers in my head, including questions such as 543-7.
- I can add and subtract numbers in my head, including questions such as 543-70.
- I can add and subtract numbers in my head, including questions such as 543-400.
- I know my 3, 4 and 8 times tables and the related division facts.
- I can use written methods to add or subtract three-digit numbers.
- I can estimate the answer to a question before I work it out and then use inverse operations to check the answer when I have finished.
- I solve problems such as missing numbers (e.g. 542 - ? = 141) using my knowledge of number facts and methods of addition and subtraction.
- I can answer multiplication and division questions such as 16 x 5 (TU x U) or 45 divided by 9.
- I can solve more complex problems and missing number questions involving multiplication and division.

Measure

- I can measure and compare in these units: lengths (m/cm/mm), weight (kg/g) and capacity (l/ml).
- I can measure the perimeter of a 2-D shape such as a square or triangle.
- I can work on money problems, adding and subtracting and working out how much change is left. I use both £ and p in my problems (not together).
- I can tell and write the time from a clock with numbers or Roman numerals or using 12 and 24 hour clocks.
- I can tell the time accurately to the nearest minute.
- I can measure and record time passing in seconds, minutes and hours.

Geometry

- I can draw 2-D shapes and make 3-D shapes using modelling materials.
- I recognise and can describe 3-D shapes even when they have been turned about in different ways.
- I know an angle is used to measure how far something turns. An angle is also the point in a 2-D shape.
- I know what a right angle is and I know that two make a half-turn, three make three quarters of a turn and four make a complete turn.
- I can tell whether an angle is greater than or less than a right angle.
- I know when a line is horizontal or vertical or when two lines are perpendicular or parallel.

Fractions

- I can count up and down in tenths.
- I know that tenths can be found by dividing an object or shape into ten equal parts or by dividing numbers by 10.
- I can find a fraction (e.g. $\frac{2}{5}$, $\frac{3}{4}$ or $\frac{1}{6}$) of a set of objects.
- I know how to find fractions of a number or shape (e.g. $\frac{3}{5}$, $\frac{1}{4}$ or $\frac{4}{6}$).
- I can show that some fractions have the same value (e.g. $\frac{1}{2} = \frac{3}{6}$ and $\frac{1}{3} = \frac{3}{9}$).
- I can add and subtract fractions with the same denominator (E.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$).
- I can compare and order unit fractions, and fractions with the same denominators.
- I solve problems that involve finding, ordering or comparing fractions.

Statistics

- I can answer questions about bar charts, pictograms and tables and make my own of each.
- I can answer maths problems (e.g. 'How many more?' and 'How many fewer?') by finding the information in bar charts, pictograms and tables.
- I know and use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight in my maths work.
- I know the number of seconds in a minute and the number of days in each month, year and leap year.
- I can calculate how long an event or task took to complete.

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