MATHEMATICS TARGETS (Full)

A YEAR 3 MATHEMATICIAN

GROUP RECORD

Page 1

Number, place value, approximation and estimation/rounding							
I can count from 0 in multiples of 4, 8, 50 and 100.							
I can compare and order numbers up to 1,000.							
I can read and write numbers to 1,000 in numerals and words.							
I can find 10 or 100 more or less than a given number.							
I can recognise the place value of each digit in a 3-digit number.							
I can identify, represent and estimate numbers using different representations.							
I can solve number problems and practical problems using above.							
Calculations							
I can add and subtract mentally, including:							
A 3-digit number and ones							
A 3-digit number and tens							
A 3-digit number and hundreds							
I can add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.							
I can estimate the answer to a calculation and use inverse operation to check answers.							
I can change the order of the calculation to help me solve it mentally.							
I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.							
I can recall and use multiplication and division facts for the 3, 4 and 8x tables.							
I can write and calculate mathematical statements for multiplication and division using the multiplication tables, including for 2-digit numbers, using mental and progressing to formal written methods.							
I can solve problems, including missing number problems, involving multiplication and division, including integer scaling problems and correspondence problems in which n objects are connected to m objects.							
Fractions, decimals and percentages							
I can count up and down in tenths.							
I recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10.							
I recognise and can find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.							
I can compare and order unit fractions and fractions with the same denominators.							
I can add and subtract factions with the same denominator within one whole.							
I can solve problems involving the above.							
*I can recognise and show, using diagrams, equivalent fractions with small denominators.							

- Added from target tracker KPI's

MATHEMATICS TARGETS (Full)

A YEAR 3 MATHEMATICIAN

GROUP RECORD

Page 2

Measurement							
I can compare lengths using m, cm &mm.							
I can compare mass using kg & g.							
I can compare volume/capacity using l & ml.							
I can measure lengths using m, cm & mm.							
I can measure mass using kg & g.							
I can measure volume/capacity using l & ml.							
I can add and subtract lengths using m, cm & mm.							
I can add and subtract mass using kg & g.							
I can add and subtract volume/capacity using l & ml.							
I can tell and write the time from an analogue clock (12 hour clock).							
I can tell and write the time from an analogue clock (24 hour clock).							
I can tell and write the time from an analogue clock (Roman numerals).							
I can estimate and read time with increasing accuracy to the nearest minute.							
I can record and compare time in terms of seconds, minutes and hours.							
I can use the following vocabulary: o'clock, am, pm, morning, afternoon, noon & midnight.							
I know the number of seconds in a minute.							
I know the number of days in each month, year and leap year.							
I can compare the duration of events.							
I can measure the perimeter of simple 2D shapes.							
I can add and subtract amounts of money to give change, using both £ and p in a practical context.							
Geometry – properties of shapes							
I can identify horizontal, vertical lines and pairs of perpendicular and parallel lines.							
I can draw 2D shapes.							
I can make 3D shapes using modelling materials.							
I recognise 3D shapes in different orientations and describe them.							
I recognise that angles are a property of shape or a description of a turn.							
I can identify right angles.							
I recognise that two right angles make a half-turn & three make a three quarter turn and 4 make complete turn.							
I can identify whether angles are greater than or less than a right angle.							
Statistics							
I can interpret and present data using bar charts, pictograms and tables.							
I can solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.							

MATHEMATICS TARGETS

EXCEEDING YEAR 3 EXPECTATIONS

GROUP RECORD

I can recognise the value of each digit in a 4-digit number and the value of a tenth.							
I know all multiplication facts up to 10 x 10 and can instantaneously answer questions such as, how many 7s in 42?							
I can add and subtract numbers with any number of digits using formal written methods.							
I am beginning to have an understanding about negative numbers recognising they are smaller than zero.							
I can multiply and divide any 2-digit number by a single digit number and have an understanding of 'remainder'.							
I can find fractional values (from ½ to 1/10)of amounts up to 1000.							
I can use my knowledge of number to solve problems related to money, time and measures.							
I know that the total internal angles of a triangle measure 180° and can measure each angle							
I can ran use my knowledge of time to help me solve problems related to timetables.							
I can measure, compare, add and subtract when solving more complex problems using common metric measures set out in Kg,gms; Kl,litres; Km and metres, etc.							