MATHS TARGETS

Year 3

Name: _____

Number and Place Value

- NPV8 I can solve number problems and practical problems.
- NPV7 I can read, write and spell numbers to at least 1000 in numerals and words.
- NPV6 I can identify, represent and estimate numbers, using different representations.
- NPV5 I can compare and order numbers up to 1000.
- NPV4 I can recognise the place value of each digit in a 3-digit number.
- NPV3 I can find 10 or 100 more or less than a given 3-digit number.
- NPV2 I can count from 0 in multiples of 50 and 100.
- NPV1 I can count from 0 in multiples of 4 and 8.

Addition and Subtraction

- AS8 I can solve missing number problems involving addition and subtraction.
- AS7 I can solve problems involving addition and subtraction using number facts and place value in different contexts.
- AS6 I can estimate the answer to a calculation and use the inverse operation to check answers.
- AS5 I can subtract numbers with up to 3 digits using an appropriate method (e.g. a number line).
- AS4 I can add numbers with up to 3 digits using an appropriate method.
- AS3 I can add and subtract mentally 3-digit numbers and hundreds".
- AS2 I can add and subtract mentally 3-digit numbers and tens".
- AS1 I can add and subtract mentally 3-digit numbers and ones".

Multiplication and Division

- MD9 I can scale numbers and use these to solve problems (e.g. 7x5=35, means I can use that to help me work out 7x?=350).
- MD8 I can solve missing number problems using multiplication and division.
- MD7 I can solve problems using multiplication and division in different contexts.
- MD6 I can use an appropriate written method to x 2-digit numbers by 1 digit, including the formal
- MD5 I can use mental strategies to multiply a 2-digit number by 1 digit.
- MD4 I can use known x and ÷ facts to generate new facts including 2-digit numbers x 1 digit. .
- MD3 I can recall and use x and ÷ facts for the 8 times tables.
- MD2 I can recall and use x and ÷ facts for the 4 times tables.
- MD1 I can recall and use x and ÷ facts for the 3 times tables.

Fractions

- F8 I can solve problems that involve fractions in different contexts.
- F7 I can compare and order unit fractions and fractions with the same denominator.
- F6 I can + and – fractions with the same denominator within 1 whole.
- F5 I can recognise and show, using diagrams, equivalent fractions.
- F4 I can recognise and use fractions as numbers eg ¼ + ¾=1.
- F3 I can recognise, find and write fractions of a set of objects, including unit fractions and non-unit fractions.
- F2 I know that tenths arise from dividing an object, 1-digit number or quantity into 10 equal parts.
- F1 I can count up and down in tenths.

Measurement

- M10 I can compare durations of events.
- M9 I know the number of seconds in a minute and the number of days in each month, year and leap year.
- M8 I can record and compare times.
- M7 I can estimate and read time to the nearest minute.
- M6 I can tell and write the time from an analogue clock, including where Roman numerals have been used, and 12-hour and 24- hour clocks.
- M5 I can add and subtract amounts of money to give change, using £ and p in practical contexts.
- M4 I can measure the perimeter of simple 2-D shapes.
- M3 I can measure, compare, add and subtract volume/ capacity (l/ml).
- M2 I can measure, compare, add and subtract mass (kg/g).
- M1 I can measure, compare, add and subtract lengths (m/cm/mm).

Geometry

- G7 I can identify horizontal, vertical, perpendicular and parallel lines in relation to other lines.
- G6 I know that 2 right angles make a half turn, 3 make ¾ of a turn and 4 make a complete turn.
- G5 I can identify different angles, including right angles.
- G4 I can recognise angles as a property of shapes and associate angles with turning.
- G3 I can recognise and describe 3-D shapes in different orientations.
- G2 I can make 3-D shapes using modelling materials.
- G1 I can draw 2-D shapes.

Statistics

- S7 I can interpret data presented in different contexts.
- S6 I can use simple scales in pictograms and bar charts.
- S5 I can solve two step problems using information in scaled bar charts, pictograms and tables.
- S4 I can solve one step problems using information in scaled bar charts, pictograms and tables.
- S3 I can interpret and present data using tables.
- S2 I can interpret and present data using pictograms.
- S1 I can interpret and present data using bar charts.

Mental Strategies

- MS13 I recognise that the digits move when x and ÷ by 10 or 100 and zero is used as a place holder.
- MS12 I can use partitioning to double
- MS11 I can, with jottings, halve any multiple of 10 up to 200.
- MS10 I can, with jottings, double any multiple of 5 up to 100.
- MS9 I can use partitioning to + and – mentally.
- MS8 I can reorder numbers when adding.
- MS7 I can, with jottings, + near doubles.
- MS6 I can, with jottings, + and – 2-digit numbers.
- MS5 I can, with jottings, + and – 2-digit numbers to or from a multiple of
- MS4 I can, with jottings, + and – groups of small numbers.
- MS3 I can recall doubles of multiples of 10 to 100.
- MS2 I can recall pairs of 2-digit numbers with a total of 100.
- MS1 I can recall sums and differences of multiples of 10 beyond

Programme of study objectives taken from 'The National Curriculum 2014'

√√ = Achieved

Mental Strategies taken from 'Teaching Children to Calculate Mentally'