

**Year 4  
NUMERACY  
TARGET GRIDS**

I can read Roman numerals to 100 (I to C) and know that over time the numeral system changed to include the concept of zero and place value .

I can solve number and practical problems

I can round any number to the nearest 10, 100 or 1000

I can identify, represent and estimate numbers.

I can compare and order numbers beyond 1000.

I can recognise the place value of each digit in a four-digit number.

I can count backwards through zero to include negative numbers.

I can find 1000 more or less than a given number

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

**Number and Place Value**

I can solve subtraction two step problems deciding which operations and methods to use and why.

I can solve addition two step problems deciding which operations and methods to use and why.

I can use inverse operations to check answers to a calculation.

I can estimate to check answers to a calculation.

I can subtract numbers with up to 4 digits using efficient methods.

I can add numbers with up to 4 digits using efficient methods.

**Addition and Subtraction**

I know factor pairs, using my times table knowledge.

I can solve multiplication and division problems, including simple scaling.

I can multiply a three — digit number by a one—digit number using a formal written method.

I can multiply a two—digit number by a one—digit number using a formal written method.

I can use place value and known derived facts to multiply 3 numbers .

I can use place value and known derived facts to multiply and divide men-

I can explain commutativity in multiplication.

I can recall multiplication and division facts for times tables up to 12 x 12.

**Multiplication and Division**

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

I can solve problems involving converting from: hours to minutes; minutes to seconds; years to months; weeks to days.

I can read, write and convert time between analogue and digital 12— and 24—hour clocks.

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

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

I measure and calculate the perimeter of a rectilinear shape in cm and m

I can convert between different units of measure

**Measurements**

I round decimals with one decimal place to the nearest whole number and compare.

I can find the effect of  $\div$  a number by 10 and 100 and identify the value of the digits

I can recognise and write decimal equivalents to  $\frac{1}{2}$  ,  $\frac{1}{4}$ , and  $\frac{3}{4}$ .

I can recognise and write decimal equivalents of any number of tenths or hundredths .

I can add and subtract fractions with the same denominator.

I can count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

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

**Fractions and Decimals**

I solve problems finding fractions of amounts including non-unit fractions like  $\frac{3}{4}$

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

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

I can describe positions on a 2-D grid as co-ordinates in the first quadrant.

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

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

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

I can compare and classify geometric shapes, including quadrilaterals and triangles

**Geometry**

I can draw line graphs.

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

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

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

I can interpret and present data using time graphs.

I can interpret and present data using bar charts.

**Statistics**