



★	Number and Place Value	★
I can say one more and one less than a number given		
I can count to 50, forwards and backwards, beginning with 0 or 1, or from a given number, in 2, 5 & 10		
I can count, read and write numbers from 1 to 20 and 50 in numerals and words		
I can recognise the value of each digit in a 2-digit number		
I can identify and represent numbers using objects and pictures		
I can estimate to check answers		

★	Addition and Subtraction	★
I can add and subtract one-digit and two-digit numbers to 20 and 50 including zero; 2-digit & ones, three 1-digit numbers		
I can represent and use number bonds and related subtraction facts to 20		
I can read, write interpret +, -, =		
I can solve one-step problems that involve + and – using objects and pictures, and missing number problems		
I can use the language of equal to, more than, less than (fewer), most, least		

★	Fractions	★
I can recognise, find and name a half as two equal parts of an object, shape or quantity		
I can recognise, find and name a quarter as four equal parts of an object, shape or quantity		

★	Measurement	★
I can tell the time to o'clock and half past, and draw the hands on a clock		
I can compare and solve problems for time; quicker, slower, earlier, later		
I can recognise & use language relating to dates, days, weeks, months & years		
I can sequence events in chronological order		
I can measure and begin to record time (hr, min, sec)		
I can compare the weight, length, height and capacity of objects, i.e. longer, lighter than, less than, full		
I can measure and begin to record lengths, heights, mass/weight, capacity and volume in non-standard units		
I can describe position, direction and movement, including whole, half, quarter and three-quarter turns, with reference to a clock face		



MATHS

Year 2 Spring

★ Addition and Subtraction ★
I can solve problems with + & - applying my increasing knowledge of mental and written methods
I can recall and use + & - facts to 20 & related facts to 100
I can add and subtract; 2-digit & ones 2-digit & tens, Two 2-digit & three 1-digit
I can know that addition of two numbers can be done in any order and subtraction of one number from another cannot

★ Fractions ★
I can recognise, find, name & write fractions $\frac{1}{3}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ of a length, shape, set of objects or amount
I can write simple fractions for example $\frac{1}{2}$ of 6 = 3
I can recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$

★ Measurement ★
I can recognise & use symbols for pounds and pence
I can find different combinations of coins that equal the same amount, and combinations to make a particular amount, and find change
I can tell the time to 5 mins including quarter past/to the hour & draw the hands on a clock
I know the number of minutes in an hour, and the number of hours in a day
I can compare and sequence intervals of time

★ Geometry ★
I can describe the properties of 2D shapes (sides and line of symmetry)
I can describe the properties of 3D shapes (edges, vertices & faces)
I can find 2D shapes on the surface of 3D shapes.
I can describe position, direction and movement, including movement in a straight line, rotation through right angles (clockwise and anticlockwise)
I can order and arrange patterns and sequences
I can compare and sort common 2D and 3D shapes



 **Number and Place Value** 

I can count up and down in tenths

 **Addition and Subtraction** 

I can add and subtract fractions with the same denominator within one whole

 **Multiplication and Division** 

I can recall and use multiplication and division facts for the 3 and 4 x tables

I can count from zero in multiples of 4

I can solve \times & \div problems, including missing number problems, & problems such as $n \times 3 = m$ showing understanding that the two missing numbers will change in relation to each other

I can write and calculate statements for \times and \div using multiplication tables, including 2-digit numbers times 1-digit numbers, progressing to formal written methods

 **Fractions (including decimals)** 

I can recognise and use fractions of numbers: unit fractions and non-unit fractions with small denominators

I understand tenths arise from dividing an object into 10 equal parts & in dividing 1-digit numbers or quantities by 10

I can recognise and show equivalent fractions with small denominators

I can compare and order unit fractions, and fractions with the same denominators

I can recognise, find & write fractions of a discrete set of objects: unit fractions and non-unit fractions

 **Measurement** 

I can tell & write the time from an analogue clock, using Roman numerals and 12 hour

I can estimate and read time to the nearest minute

I can read and compare time in sec, min, hr

I know the number of seconds in a minute, days in each month, year

I can compare the duration of events

I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight



★ Number and Place Value ★

I can count up and down in hundredths

I recognise that hundredths arise when dividing an object by one hundred and dividing tenths by 10

I can round decimals with one decimal place to the nearest whole number

I can compare numbers with the same number of decimal places to the nearest whole number

★ Addition and Subtraction ★

I can add and subtract fractions with the same denominator

★ Multiplication and Division ★

I can find the effect of dividing 1- or 2-digit numbers by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

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

★ Fractions (including decimals) ★

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

I can solve problems involving harder fractions to calculate & divide quantities, including non-unit fractions where the answer is a whole number

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

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

I can recognise mixed numbers and improper fractions and convert one form to the other and write mathematical statements >1 as a mixed number

★ Measurement ★

I can convert between different units of measure for time

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

I can write and convert time between analogue and digital 12- and 24-hour clocks

I can measure and calculate the perimeter of rectangles in cm and m

I can convert different units of measure

I can find the area of rectilinear shapes by counting squares

I can calculate and compare the area of rectangles, including cm^2 and m^2

I can measure and calculate the perimeter of composite rectilinear shapes in cm and m



★ Number and Place Value ★

I can round decimals with two decimal places to the nearest whole number and to one decimal place

I can read, write, order and compare numbers with up to 3 decimal places

I can solve problems involving numbers up to three decimal places

I can use all 4 operations to solve problems involving measure using decimal notation

I can use negative numbers in context, and calculate intervals across zero

★ Geometry ★

I know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

I can draw given angles and measure them in degrees

Identify: angles at a point and one whole turn; angles at a point on a straight line and $\frac{1}{2}$ a turn; other multiples of 90

I can interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

I can identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

I can use the properties of rectangles to deduce related facts and find missing lengths and angles

I can describe positions on the full coordinate grid

★ Fractions (including decimals & percentages) ★

I can compare & order fractions whose denominators are multiples of the same number

I can recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number

I can identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths

I can + and - fractions with the same denominator and denominators that are multiples of the same number

I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

★ Fractions (including decimals & percentages) ★

I can read and write decimal numbers as fractions

I can use common factors to simplify fractions, and use common multiples to express fractions in the same denomination

I can recognise the per cent symbol (%) & understand that per cent relates to 'number of parts per hundred'

I can write percentages as a fraction with denominator 100, and as a decimal

I can solve problems which require knowing percentage, decimal equivalents and fractions with a denominator of 10 or 25

★ Multiplication and Division ★

I can multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

I can solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates

I can \times & \div whole and decimal numbers by 10, 100 & 1000

I can associate a fraction with division



★ Number and Place Value ★

I can use negative numbers in context, and calculate intervals across zero

I can generate and describe linear number sequences with decimals

★ Proportion ★

I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts

I can solve problems involving similar shapes where the scale factor is known or can be found

I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

★ Algebra ★

I can find enumerate possibilities of combinations of two variables

I can use simple formulae

★ Percentages & Statistics ★

I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

I can solve problems involving the calculation of percentages and the use of percentage comparisons

I can interpret and construct pie charts and line graphs and use these to solve problems

I can calculate and interpret the mean as an average

★ Decimals & Measures ★

I can solve problems involving the calculation and conversion of units of measure, using decimal notation to 3dp

I can use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to 3 dp

I can convert between miles and kilometres

I can recognise when it is possible to use formulae for area and volume of shapes

I can calculate the area of parallelograms and triangles

★ Fractions ★

I can multiply simple pairs of proper fractions, writing the answer in its simplest form

I can divide proper fractions by whole numbers

I can associate a fraction with division and calculate decimal equivalents for a simple fraction

I can recall and use equivalences between simple fractions and decimals, including in different contexts

★ Geometry ★

I can describe positions in four quadrants

I can draw 2D shapes given dimensions and angles

I can draw and translate simple shapes on the coordinate plane, and reflect them

I can recognise, describe and build simple 3D shapes, including nets

I can illustrate and name parts of circles (radius, diameter and circumference), and know that the diameter is twice the radius

I can recognise that shapes with the same areas can have different perimeters

I can calculate, estimate and compare volume of cubes/cuboid