Autumn

Number : Place value
(6 weeks)
I can count from 0 in 4s, 8s, 50s, and 100
I can find 10 more or less with 3 digit numbers
I can find 100 more or less of a 3 digit number
I can recognise the place value in a three digit number (hundreds, tens and ones)
Identify, represent and estimate numbers using different representations
I can compare and order numbers to 1000 using < > = signs
I can read and write numbers to at least 1000 in numerals and words
I can round any number to nearest 10,
I can solve number problems and practical problems involving these ideas
I can solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction

Number : Addition and subtraction
(4 weeks)
I can add and subtract numbers mentally including a 3digit plus ones number
I can add and subtract numbers mentally including a 3digit plus tens number
I can add and subtract numbers mentally including a 3digit plus hundreds number
I can add and subtract numbers with up to 3 digits, using an efficient method such as column addition and subtraction
I can estimate the answer to a calculation and use the inverse to check answers
I can solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction.

Number: multiplication and division
(4 weeks)
I can recall and use multiplication facts for the 3, 4 and 8 times table
I can use a written method for multiplication and division, progressing to short multiplication and division
I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times on-digit numbers, using mental and progressing to formal written methods.
I can solve missing number problems using multiplication and division including scaling problems
I can solve correspondence problems e.g. 3 hats and 4 coats…how many outfits

Spring

Measurement : Money
(3 week)
I can add and subtract amounts of money to give change in both pounds and pence in practical context.

Statistics
(2 week)
I can interpret and present data using bar charts, pictograms and tables
I can solve one step and two step problems using information in the charts using information presentenced in scaled bar charts (2,5 and 10) and pictograms and tables.

Measurement : Length and perimeter
(3 weeks)
I can measure(to the nearest cm and m,) compare, add and subtract lengths(m,cm,mm), mass (kg/g) and volume and capacity (l/ml)
I can measure the perimeter of a 2D shape

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Number : Fraction
(3 weeks)
I recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.
I can recognise and show, using diagrams, equivalent fractions with small denominators.
I can make links with simple equivalent fractions and compare size of simple fractions between 0 and 1

Summer

Number : Fraction
(3 weeks)
I can count up and down in tenths
I understand that a tenth is the part derived from dividing a whole into 10 equal parts and in dividing one-digit numbers or quantities by 10
I can recognise, find and write fractions with small denominators ½ ¼ 1/3 1/5 1/10 1/8 and non-unit fractions.
I recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
I can add and subtract fractions with the same denominator within a whole eg 5/7 + 1/7
I can compare and order unit fractions and fractions with same denominators
I can solve problems that involve all the above

Measurement : Time
(3 week)
I can record and compare time in seconds, minutes, hours and o clock
I can use the vocabulary of am/pm/morning, afternoon, noon and midnight
I know the number of seconds in a minute and the number of days in each month, year and leap year can compare duration of events to calculate word problems
I can tell and write the time from an analogue clock, including Roman numerals from 1 to X11, and 12/ 24 hr clock
I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours. Using vocabulary such as am, pm, noon and midnight, morning and afternoon.
Know the number of seconds in a minute and the number of days in each month, year and leap year. Compare duration of events

Geometry : Properties of shape
(2 weeks)
I can draw 2D shapes symmetrical and non-symmetrical polygons and make 3D shapes (polyhedral) using modelling materials
I can recognise 3D shapes in different orientations and describe them with increasing accuracy
I can recognise angles as a property of shape and as a way of turning
I can identify right angles, recognising that 2 right angles make a half turn and three make ¾ of a turn and 4 make a full turn.
I can identify where angles are greater than, obtuse or less than a right angle, acute
I can identify horizontal, vertical, and pairs of perpendicular and parallel lines

Measurement :Mass and capacity
(4 weeks)
I can Measure, compare, add and subtract: l); mass (kg/g); volume/capacity (l/ml)