St. Teresa's R.C Primary School

Doing Little Things Well

Year 4 Long Term Plan

Autumn

Number : Place value
(4 weeks)

I can count in multiples of 6, 7, 9, 25 and 1000.
I can recognise the place value in a four digit number (thousands, hundreds, tens and ones)
I can order and compare numbers beyond 1000
I can count backwards through zero to include negative numbers.
I can round any number to the nearest 10, 100 or 1000.
I can compare and order numbers from 0 to 1000 using < > = signs
I can find 1000 more and 1000 less than a given number
I can read Roman numerals to 100 (C)
I can identify, represent and estimate numbers using different representations
I can solve number and practical problems that involved all of the above with increasingly large positive numbers.

Number : Addition and subtraction
(4 weeks)

I can add and subtract numbers up to 4 digits using the efficient methods of column method
I can add and subtract Numbers with up to 1dp in various contexts
I can solve addition and subtraction two step problems in contexts, deciding which operation and methods to use and why
I can estimate and use inverse operations to check answers to a calculation

Measurement : Length and perimeter
(1 week)

I can convert between different units of measure [for example, kilometre to metre]
I can convert between units of metric measure (larger to smaller e.g. km to m)
I can read a range of scales
I can measure & calculate perimeter of a rectilinear shape

Number: Multiplication and division
(3 weeks)

I can multiply and divide whole numbers by 10, 100
I recall multiplication and division facts for multiplication tables for x6,,x7, x9

Spring

Number: Multiplication and division
(3/4 weeks)

Use place value, known and derived facts to multiply and divide mentally including multiplying by 1 and 0, dividing by 1 and 0, multiplying together three numbers
I can recognise and use factor pairs and commutatively in mental calculations
I can multiply two and three digit numbers by a single digit number using a formal written method
I can divide a 2 digit and a 3 digit by a single digit with an exact answer and remainders.
I can solve problems using multiplication and division including the distributive law ie 39 x 7 is the same as 30 x 7 and 9 x7, scaling problems and harder correspondence problems eg where 10 cakes would be shared between 3 children equally
I can establish whether a number less than 50 is prime
I recall multiplication and division facts for multiplication tables for x11 and x12

Measurement : Area
(1 week)

I can find the area by counting
Relate areas to arrays and multiplication.
I can start to use a multiplication to solve area (SPRING 1 – Multiplication and Division).

Number : Fractions
(2/3 weeks)

I recognise and show, using diagrams, families of common equivalent fractions
I can recognise and write decimal equivalents of any tenths or hundredths number
I can recognise and write decimal equivalents to ¼, ½, ¾
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 add and subtract fractions with the same denominator

Number: Decimals
(2/3 weeks)

I can recognise and write decimal equivalents of any number of tenths or hundredths.
I can find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths
I cam solve simple measure and money problems involving fractions and decimals to two decimal places.
I can convert between different units of measure [for example, kilometre to metre]

Summer

Number : Decimals and fractions
(2 weeks)

I can round decimals with one decimal place to the nearest whole number
I can compare numbers with the same number of decimal places up to two decimal places
I can solve simple measure and money problems involving fractions and decimals to two dp
I solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities, including non-0unit fractions where the answer is a whole number
I recognise and write decimal equivalents to 1/4 , 1/2 and 3/4
Understand the effect of dividing a one or two digit number by 10 or 100.
I can I identifying the value of the digits in the answer as ones, tenths and hundredths.

Measurement: money
(2/3 weeks)

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

Measurement : Time
(2 weeks)

I can solve problems converting time 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 hr clocks

Statistics
(2 weeks)

I can interpret and present discrete data using bar charts and time graphs
I can solve problems compare data using sum, difference etc using information presented in bar charts, pictograms, tables and simple line graphs

Geometry : properties of shape
(4 weeks)

I can draw 2D shapes symmetrical and non-symmetrical polygons and make 3D shapes (polyhedral) using modelling materials
I can compare and classify geometric shapes, including quadrilaterals and triangles, based on size and properties
I can identify lines of symmetry in 2D shapes presented in different orientations
I can complete a simple symmetric figure with respect to a line of symmetry
I can identify acute and obtuse angles and compare and order angles up to two right angles by size

Geometry : position and direction
(1 week)

I can describe positions on a 2D grid as coordinates in the first quadrant
I can describe movements between positions as translations of a given unit to the left/right, up/down
I can plot specified points and draw sides to complete a given polygon

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