St. Peter and St. Paul's RC Primary School

Mathematics - Unit and Progression Overview

Holding God's hand,
we grow in faith together,
we dream, believe, achieve.
Following the footsteps of Jesus,
we act with love,
we care for one another
and our world.

Subject Long Term Plan

Group ____										
Rec	**1**	**2**	**2**	**3**	**3**	**4**	**4**	**5**	**5**	**6**
Count reliably to 20.	Count to & across 100, forwards & backwards from any number.	Count in steps of 2,3,5 from 0 in tens and from any number, forward and backward	Recognise the place value of each digit in a two-digit number(tens, ones)	Compare & order numbers up to 1000.	Add & subtract: 3-digit nos & ones 3-digit nos & tens 3-digit nos & hundreds	Count backwards through zero to include negative numbers.	Compare & order numbers beyond 1000.	Compare & order numbers with 3 decimal places.	Count forwards & backward with positive& negative numbers through zero.	read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
Read, write and order numbers to at least 20	Read & write numbers to 20 in digits & words.	Compare and order numbers 0-100; use <,> and =	Add & subtract: 2-digit nos & ones 2-digit nos & tens Two 2-digit nos Three 1-digit nos	Count from 0 in multiples of 4, 8, 50 & 10	Multiply: 2-digit by 1-digit	Compare & order numbers with 2 decimal places.	Read Roman numerals to 100.	Recognise PV of any number up to 1000000.	Count forwards/ backwards in steps of powers of 10 for any given number up to 1000000.	use common factors to simplify fractions; use common multiples to express fractions in the same denomination
Count back from 20 - 0	Read & write numbers to 100 in digits.	Recognise even and odd numbers	Show that addition of numbers can be done in any order and subtraction of one number from another cannot	Read & write all numbers to 1000 in digits & words.	Count up/down in tenths;	Count in multiples of 6, 7, 9, 25 & 1000.	Find 1000 more/less than a given number.	Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 or 100000.	Count up/down in thousandths.	compare and order fractions, including fractions > 1
Say 1 more/1 less to 20.	Say 1 more/1 less to 100	Recall and use x and ÷ facts for	Recognise PV of any 3-digit number.	Find 10 or 100 more/less	Add and subtract amounts of	Recall & use multiplication & division	Round any number to the nearest	Round decimals with 2dp to the	Recognise and use square	use negative numbers in context, and

		the 2, 5 and 10 times tables		than a given number	money to give change, using both £ and p in practical contexts	facts all tables to 12x12.	10, 100 or 1000.	nearest whole number and 1dp Not red/amber gp	numbers and cube numbers and the notation.	calculate intervals across zero
Double 1, 2, 3, 4, 5	Count in multiples of 1, 2, 5 & 10	Recall & use +/- facts to 20.		Recall & use multiplication & division facts for 3, 4, 8 tables		Find the effect of dividing a one or two-digit number by 10 and 100- ones, tenths and hundredths	Round decimals with 1dp to nearest whole number	Multiply & divide: Whole numbers & decimals by 10, 100 & 1000	Identify all multiples & factors, including finding all factor pairs.	Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
Know and use number bonds to 10	Know bonds to 10 by heart.	Derive & use related facts to 100				Use place value, known and derived facts to x and÷ mentally, including: x by 0 and 1; dividing by 1; x together 3 numbers	Recognise and write decimals equivalent to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$	Recognise mixed numbers & fractions & convert from one to another.	Use known tables to derive other number facts.	identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal

Know addition and subtraction facts to 5 (no fingers) 2 + 2, 4 + 1, 3 + 2, 4 – 2, 5 - 1	Use bonds & subtraction facts to 20.	Say 10 more/less than any number to 100				Recognise and use factor pairs		Multiply proper fractions and mixed numbers by whole numbers.	Recall prime numbers up to 19. Establish whether a number up to 100 is prime.	
	Add & subtract: 1 digit & 2 digit numbers to 20, including zero.							Round decimals with 2dp to nearest whole number & 1dp.	convert between different units of metric measure	
	Add any three 1-digit numbers with a total up to 20.							Compare and order fractions whose denominators are all multiples of the same number	Read and write decimals numbers as fractions 0.71 = 71/100	